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Feeding Stuffs Report

1935



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FEEDING STUFFS REPORT

1935

INTRODUCTION

During the year ending December 31, 1935, 975 official samples of feeding stuffs were obtained by the Food Agents throughout the Commonwealth and of this number 941 were subjected to analysis in accordance with the provisions of the Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended.

The Law specifically requires the name and address of the manufacturer or importer, net weight, guarantees for protein, fat and fiber and the names of each ingredient used in a feeding stuffs, to be shown on sacks or attached cards.

Provision is also made for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample and accordingly 497 special samples of feeding stuffs were submitted for analysis. The results of analyses of these special samples are not included in this report. The total number, therefore, of official and special samples of feeding stuffs analyzed during the year 1935, was 1,438.

The 941 official samples analyzed were registered by 216 manufacturers and represented 20 classes and 719 brands as follows:

Classes	Samples
Oil Cake By-Products	24
Distillery and Brewery By-Products	8
Maize By-Products	20
Wheat Offal	109
Buckwheat Offal	1
Rye Offal	1
Oat By-Product	2
Alfalfa Meal	5
Dried Beet Pulp	4
Proprietary Dairy Feed	231
Proprietary Stock, Horse and Mule Feed	31
Proprietary Calf Meal	12
Proprietary Swine Feed	37
Proprietary Chop Feed	43
Proprietary Poultry Scratch Feed	31
Proprietary Poultry Mash Feed	344
Proprietary Small Animal Feed	26
Miscellaneous Feed	1
Animal By-Products	10
Marine By-Products	1
Total	941

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually and applications for registration should be submitted before January 1 of each year or before being offered for sale. The annual registration fees are as follows:

0 to 150 tons, each	\$ 5.00
Over 150 tons to 300 tons each	10.00
Over 300 tons to 500 tons each	15.00
Over 500 tons each	25.00

When applications are submitted for registration they must be accompanied by tonnage affidavit duly certified to, showing the exact number of tons of each brand of feeding stuffs sold during the last preceeding year, and where no tonnage reports are submitted the Law provides the registration fee as \$25 for each brand, except in the case of Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal and Pure Corn and Oats Chop, which above mentioned feeds can be registered for a fee of \$5 each, it being unnecessary to submit tonnage affidavit.

Single grains, when made into meals and unmixed, are not required to be registered, provided no part of the grain has been removed in the process of milling. Pure Corn Meal made by the grinding and bolting of corn, requires registration.

During the year 1935, 4,704 brands of feeding stuffs were registered and 1,336 licenses were issued to 999 manufacturers.

CONCLUSIONS

Of the 941 official samples analyzed, 125 or 13.44% were deficient in protein or fat and contained fiber in excess of the tolerances provided, 10 samples or 1.08% were found deficient in protein, 58 or 6.24% deficient in fat and 67 or 7.20% exceeded guarantees for fiber.

Of the total number of samples analyzed, 712 represented Proprietary Mixed Feeds, 8 being deficient in protein, 47 deficient in fat and 56 containing excess fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients and no serious evidences of adulteration were found.

In some instances ingredients were found present not claimed by manufacturer and these findings are listed in Table II under the column designated as "Composition".

We desire to stress the importance of manufacturers living up to claims made on sacks or attached cards. The consumer in making his purchase naturally expects the ingredients to be present as claimed and where an ingredient is omitted by a manufacturer, whether intentionally or not, the consumer is not receiving full value for money expended.

Retail selling prices for the various classes of proprietary mixed feeds show increases with the exception of the Dairy Feeds.

Table No. I shows average analyses and prices of the various classes, as well as summary of deficiencies.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAM- PLS	BRANDS	GUARAN- TEED	PROTEIN P. Ct.	FAT P.Ct.	FIBER P. Ct.	PRICE PER TON	NO. DEFICIENT		EXCESSIVE FIBER
								PROTEIN	FAT	
Corn Oil Meal	1	1	1	23.56	5.66	9.54	---	---	---	---
Cottonseed Meal	8	6	8	42.08	6.00	10.20	43.72	---	---	---
Linseed Oil Meal	6	5	6	34.34	5.44	8.60	38.67	---	---	---
Soybean Oil Meal	9	5	9	44.34	3.53	5.46	38.00	---	---	---
Distillers Dried Grains	4	4	4	23.60	6.42	13.18	30.50	---	2	1
Brewers Dried Grains	3	3	3	26.79	5.66	15.57	36.00	---	---	---
Malt Sprouts	1	1	1	28.44	1.09	12.87	31.00	---	1	---
Corn Gluten Meal	3	1	3	44.96	1.66	2.62	39.00	---	---	---
Corn Gluten Feed	9	5	9	28.83	2.20	7.00	34.62	---	---	---
Corn Gluten Feed--Sweetened	3	2	3	22.77	1.65	6.25	30.33	---	---	---
Hominy Feed	3	3	3	12.09	7.82	5.05	36.67	---	---	---
Corn Meal	1	1	1	9.56	2.17	1.47	37.00	---	---	---
Corn Feed Meal	1	1	1	12.38	6.85	3.41	45.00	---	---	---
Wheat Bran	46	31	46	17.69	4.59	9.97	32.77	---	---	1
Mixed Feed--Wheat By-Products	4	4	4	17.20	4.12	10.38	27.00	---	---	---
Wheat Standard Middlings	9	9	9	19.14	5.24	7.66	32.92	---	---	---
Wheat Flour Middlings	33	22	33	18.03	4.38	5.16	36.01	---	3	1
White Shorts	11	6	11	17.49	3.96	3.54	38.60	---	---	---
Low Grade Flour	6	6	6	17.37	4.14	3.06	39.17	1	1	---
Buckwheat Middlings	1	1	1	26.50	7.31	3.84	25.00	---	---	---
Rye Middlings	1	1	1	16.56	3.73	6.62	33.00	---	---	---
Oat Feed	2	2	2	10.88	3.16	22.59	28.50	---	---	---
Alfalfa Meal	5	4	5	16.28	2.10	28.33	41.00	1	---	2
Dried Beet Pulp	4	2	4	10.43	0.56	18.67	39.50	---	---	---
Proprietary Dairy Feed	231	166	230	23.55	4.20	9.11	35.03	2	28	19
Proprietary Stock, Horse and Mule Feed	31	27	30	13.08	3.63	8.02	38.35	---	3	2
Proprietary Calf Meal	12	7	12	24.37	4.33	4.09	80.67	---	---	2
Proprietary Swine Feed	37	31	37	18.60	4.78	6.71	40.16	1	3	6
Corn and Oats Chop	28	24	28	11.63	4.40	5.89	38.51	---	---	2
Chop Feed	15	10	14	11.35	4.23	10.22	34.32	---	3	4
Proprietary Scratch Feed	31	27	31	11.59	2.89	2.96	40.79	2	2	---
Proprietary Mash Feed	344	263	340	20.39	5.24	6.13	46.66	3	9	---
Proprietary Small Animal Feed	26	26	22	13.87	4.13	1.27	---	---	2	---
Miscellaneous Feed	1	1	1	16.75	10.29	6.24	---	---	---	---
Meat and Bone Scrap	8	8	8	53.93	11.62	1.76	48.57	---	---	---
Tankage	2	2	2	53.32	8.92	1.72	45.00	---	---	---
Fish Meal	1	1	1	68.44	4.14	0.92	49.00	---	1	---
TOTAL	941	719	930	---	---	---	---	10	58	67

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name. Where two or more samples of the same brand were analyzed, the chemist's numbers are so indicated and average analysis is shown.

Where samples were found to be not "As Certified" same are listed separately.

The several classes of Feeding Stuffs as shown in Table I are classified under the following general headings and sub-headings:

OIL CAKE BY-PRODUCTS including Corn Oil Meal, Cottonseed Meal, Linseed Oil Meal and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCT including Distillers' Dried Grains, Brewers' Dried Grains, Malt Sprouts.

MAIZE BY-PRODUCT including Corn Gluten Meal, Corn Gluten Feed, Hominy Feed, Corn Meal and Corn Feed Meal.

WHEAT OFFALS (with and without Ground Grain Screenings) including Wheat Bran, Mixed Feed:--Wheat By-Products, Standard Middlings, Flour Middlings, White Shorts and Low Grade Flour.

BUCKWHEAT MIDDLINGS.

RYE OFFAL including Rye Middlings.

OAT BY-PRODUCT including Oat Feed.

ALFALFA MEAL.

DRIED BEET PULP.

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Poultry Scratch Feed and Mash Feed and Small Animal Feed.

MISCELLANEOUS FEED including Palmo Midds.

ANIMAL BY-PRODUCT including Meat and Bone Scrap and Tankage.

MARINE BY-PRODUCT including Fish Meal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
<u>OIL CAKE PRODUCT</u>							
<u>Corn Oil Meal</u>							
A. E. STALEY MANUFACTURING CO., Decatur, Ill. Staley's (4460)	23.56	18.00	5.66	5.00	9.54	11.00	As Certified
<u>Cottonseed Meal</u>							
ASHCRAFT-WILKINSON CO., Atlante, Ge. Cow-Ete Brand 41% (4265; 4465)	41.57	41.00	6.01	5.00	10.37	13.00	As Certified
E. I. BAILEY, Cleveland, Ohio Silver Quality Prime 41% (4316)	41.06	41.00	6.86	6.00	10.01	10.00	As Certified
THE BUCKEYE COTTON OIL CO., Cincinnati, Ohio Buckeye Prime (4605)	42.88	41.13	5.60	5.00	10.63	13.00	As Certified
HUMPHREYS-GODWIN CO., Memphis, Tenn. Bull Brand 43% (4404)	44.31	43.00	6.51	5.00	8.58	11.00	As Certified
Dixie Brand 41% (5162)	41.38	41.00	5.37	5.00	9.64	12.00	As Certified
L. E. LOVITT & CO., Memphis, Tenn. Lovit Brand 41% (4371; 4965)	41.94	41.00	5.80	5.00	11.03	13.00	As Certified
Average	42.08	-----	6.00	-----	10.20	-----	
<u>Linseed Oil Meal</u>							
ARCHER DANIELS MIDLAND CO., Minneapolis, Minn. Linseed Meal (4369)	33.44	32.00	5.20	4.50	8.13	9.00	As Certified
BISBEE LINSEED CO., Philadelphia, Pe. Bisbee Linseed Meal (4816)	34.81	34.00	6.10	5.00	8.75	10.00	As Certified
SPENCER KELLOGG & SONS, INC. Buffelo, N. Y. Kellogg's Old Process Linseed Meal (4529)	34.38	32.00	5.20	4.50	9.26	9.00	As Certified
Kellogg's 37% Pure Old Process Linseed Meal (4849)	35.50	37.00	4.91	4.50	9.25	10.00	As Certified
THE SHERWIN WILLIAMS CO., Cleveland, O. Pure Old Process Lineeed Meal 32% (4401; 4944)	33.94	32.00	5.33	4.50	8.11	9.00	As Certified
Average	34.34	-----	5.44	-----	8.60	-----	
<u>Soybean Oil Meal</u>							
ALLIED MILLS INC., Chicago, Ill. Soybeen Oil Meal (4939;5139)	43.53	41.00	4.93	5.00	5.96	7.00	As Certified
ARCHER DANIELS MIDLAND CO., Minneapolis, Minn. New Process Soybean Oil Meal (4317; 4461; 4647)	46.14	44.00	0.64	0.50	5.29	7.00	As Certified
CENTRAL SOY CO., INC., Decatur, Ill. Centrel Soy Been Oil Meal (4633)	43.81	41.00	5.30	5.00	5.52	7.00	As Certified
A. E. STALEY MANUFACTURING CO., Decatur, Ill. Soybeen Oil Meal (4498; 5050)	42.94	41.00	4.87	4.50	5.27	7.00	As Certified
THE UBIKO MILLING CO., Cincinnati, Ohio Soybeen Oil Meal (4346)	43.88	41.00	4.95	4.50	5.34	7.00	As Certified
Average	44.34	-----	3.53	-----	5.46	-----	
<u>DISTILLERY AND BREWERY BY-PRODUCT</u>							
<u>Distillers' Dried Greins</u>							
THE DEWEY BROTHERS CO., Blanchester, O. Corn 3D (Dewey's Distillers Dried) Greins (5136)	30.19	28.00	7.40	8.00	10.00	14.00	As Certified
RAY KRAMER, Pittsburgh, Pe. Kramer's Fancy Distillers Dried Grains(4942)	15.00	16.00	5.24	6.00	16.23	17.00	As Certified
ROBINSON & JACKSON, Baltimore, Md. Rob Jack Brand Rye Distillers Greins(4629)	17.88	16.00	5.44	5.00	14.82	20.00	As Certified
WILBER FEED CO., INC., Jamestown, N.Y. American Corn Distillers Dried Greins(5192)	31.31	28.00	7.59	10.00	11.70	10.00	As Certified
Average	23.60	-----	6.42	----	13.18	-----	
<u>Brewers' Dried Greins</u>							
DONAHUE-STRATTON CO., Milwaukee, Wis. Hi-Quality Brewere Dried Greins (4291)	24.69	24.00	4.82	5.00	14.38	19.00	As Certified
JOS. SCHLITZ BREWING CO., Milwaukee, Wis. Brewers Dried Greine (4343)	26.88	25.00	6.11	6.00	16.34	20.00	As Certified
STEGMAIER BREWING CO., Wilkes-Berre, Pe. Dried Brewere Grains (4589)	28.81	25.00	6.04	5.00	16.01	16.00	As Certified
Average	26.79	-----	5.66	----	15.57	-----	
<u>MALT SPROUTS</u>							
THE UBIKO MILLING CO., Cincinnati, Ohio Melt Sprouts (4512)	28.44	25.00	1.09	2.00	12.87	12.00	As Certified

TABLE H. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MAIZE BY-PRODUCT</u>							
<u>Corn Gluten Meal</u>							
CORN PRODUCTS REFINING CO., New York, N. Y. Diamond (4519; 4644; 4945)	44.96	43.00	1.66	1.00	2.62	4.00	As Certified
<u>Corn Gluten Feed</u>							
AMERICAN MAIZE PRODUCTS CO., Roby, Ind. Cream (4544)	28.88	25.00	3.39	2.00	8.12	8.50	As Certified
CLINTON COMPANY, Clinton, Iowa Clinton (5207)	28.56	25.00	2.31	2.00	6.22	8.50	As Certified
CORN PRODUCTS REFINING CO., New York, N. Y. Buffalo (4347; 4940)	28.22	25.00	2.20	2.00	7.29	8.50	As Certified
PENICK & FORD LTD., INC., Cedar Rapids, Iowa Douglas (4515)	27.31	25.00	1.86	1.50	8.22	8.50	As Certified
A. E. STALEY MANUFACTURING CO., Decatur, Ill. Staley's (4264; 4977; 5200)	30.36	25.00	1.85	1.00	6.60	8.00	As Certified
UNION STARCH & REFINING CO., Columbus, Ind. Corn Gluten Feed (4368)	27.19	25.00	2.29	1.00	6.08	8.00	As Certified
Average	28.83	-----	2.20	----	7.00	----	
<u>Corn Gluten Feed--Sweetened</u>							
CORN PRODUCTS REFINING CO., New York, N. Y. Heavy Buffalo Sweetened (4409; 5191)	22.66	20.00	1.81	1.00	6.27	7.00	As Certified
PENICK & FORD LTD., INC., Cedar Rapids, Iowa Douglas Sweetened (5179)	23.00	20.00	1.34	1.00	6.20	7.00	As Certified
Average	22.77	-----	1.65	----	6.25	----	
<u>Hominy Feed</u>							
CHAS. A. KRAUSE MILLING CO., Milwaukee, Wis. Badger White (5178)	12.50	10.00	9.19	6.00	5.11	5.00	As Certified
POSTUM CO., INC., Battle Creek, Mich. Bart's (4632)	12.63	10.00	8.31	6.00	4.98	5.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Yellow (4613)	11.13	10.00	5.97	5.00	5.06	5.00	As Certified
Average	12.09	-----	7.82	----	5.05	----	
<u>Corn Meal</u>							
D. H. GRANDIN MILLING CO., Jamestown, N.Y. Grandin's Corn Meal (4827)	9.56	8.00	2.17	1.00	1.47	4.00	As Certified
<u>Corn Feed Meal</u>							
THE RICHARDS MILLING CO., Cortland, O. Corn Feed Meal (4324)	12.38	9.00	6.85	5.00	3.41	7.00	As Certified
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
<u>(With and Without Ground Grain Screenings)</u>							
BAY STATE MILLING CO., Winona, Minn. Wingold Bran (4552)	18.75	14.50	5.71	4.75	12.24	13.00	As Certified
C. R. BERGER, Trout Run, Pa. Wheat Bran (4805)	14.00	14.00	3.50	3.50	8.17	10.00	As Certified
ELAINE, MACKAY, LEE CO., North East, Pa. Wheat Bran with Mill Run Screenings (4263)	18.38	15.00	4.98	4.00	9.18	9.00	As Certified
CANNON VALLEY MILLING CO., Minneapolis, Minn. Wheat Bran (4283)	18.31	15.50	4.71	4.80	9.51	11.00	As Certified
COMMANDER LARABEE CORPORATION, Minneapolis, Minn. Sunfed Wheat Bran with Ground Grain Screenings not exceeding Mill Run (4530)	18.50	14.00	4.99	4.00	10.85	12.00	As Certified
FAIRCHILD MILLING CO., Cleveland, Ohio Wheat Bran with Ground Screenings not exceeding Mill Run (4251; 4269)	19.00	14.00	5.33	3.50	9.39	12.00	As Certified
GOOD'S CITY MILLS INC., Williamsport, Pa. Wheat Bran (4501)	17.75	14.00	3.33	3.00	11.10	11.00	As Certified
HECKER-JONES-JEWELL MILLING DIVISION, Buffalo, N. Y. Choice Wheat Bran with Ground Screenings not exceeding mill run (4593)	18.13	13.50	4.66	3.50	12.12	14.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
INTERNATIONAL MILLING CO., Minneapolis, Minn. Blackhawk Pure Wheat Bran (4595; 4607)	18.32	15.00	5.23	3.20	10.64	12.00	As Certified
KEYSTONE MILLS, Hughesville, Pa. Wheat Bran (4587)	16.50	15.00	3.82	4.00	9.81	10.00	As Certified
KING MIDAS MILL CO., Minneapolis, Minn. Cloverleaf Pure Wheat Bran (4616)	17.88	15.00	5.49	4.00	11.48	12.00	As Certified
LA GRANGE MILLS, Red Wing, Minn. Pure Fancy Coarse Wheat Bran (4335; 4941)	18.57	15.00	4.80	4.50	10.45	13.00	As Certified
LANTZY MILLING CO., Bernesboro, Pa. Pure Wheat Bran (4259)	15.50	15.00	4.57	4.00	8.84	10.00	As Certified
THE LARABEE FLOUR MILLS CO., Kansas City, Mo. Sunfed Wheat Bran with Ground Wheat Screenings not exceeding Mill Run or 8% (4545)	17.88	15.00	4.55	3.50	10.97	11.00	As Certified
LOUDONVILLE MILLING CO., Loudonville, Ohio Le Grande Bran (4459)	17.44	13.00	4.05	4.00	8.63	12.00	As Certified
MAUSER MILL CO., Treichlers, Pe. Pure Wheat Bran (4924)	18.75	15.00	5.30	5.00	9.20	10.00	As Certified
MECHANICSBURG MILLING CO., Mechanicsburg, Pe. Pure Wheat Bran (4658)	15.00	14.00	4.32	3.00	8.75	9.00	As Certified
MENNEL MILLING CO., Toledo, Ohio Doughboy Pure Bran (4631)	19.38	15.00	3.72	4.00	8.92	9.50	As Certified
NATIONAL MILLING CO., Toledo, Ohio Pure Wheat Bran (4403; 5199)	16.53	14.00	3.99	3.00	10.10	10.00	As Certified
NORTHWESTERN CONSOLIDATED MILLING DIVISION, STANDARD MILLING CO., Minneapolis, Minn. Pure Wheat Bran (4451)	18.25	14.00	4.82	4.00	9.87	12.00	As Certified
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Pillsbury's Hard Wheat Bran and Screenings (4318; 4547; 4560; 4787; 4972)	17.49	14.00	4.83	4.00	10.34	12.00	As Certified
RED BANK MILLS, New Bethlehem, Pa. Bran (4284)	20.31	15.00	5.31	4.00	9.43	12.00	As Certified
W. A. REED ESTATE, Paxino, Pa. Wheat Bran (4776)	14.33	15.00	3.36	2.26	8.77	9.00	As Certified
THE RICHARDS MILLING CO., Cortland, O Soft Winter Wheat Bran (4323)	17.13	15.00	3.79	3.50	8.22	10.00	As Certified
RINI GRAIN CO., Philadelphia, Pe. Product of Brazil Wheat Bran with Ground Screenings not exceeding Mill Run (4628)	18.38	13.00	3.95	4.00	8.72	13.00	As Certified
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Hard Wheat Occident Bran (4262; 4653; 4846)	19.70	14.00	5.59	4.00	9.33	11.50	As Certified
F. W. STOCK & SONS, Hillsdale, Mich. Bran with Mill Run Screenings (4321; 4395)	19.41	17.00	4.09	4.00	7.82	10.00	As Certified
TENNANT & HOYT CO., Lake City, Minn. Golden Loaf Pure Bran (4548)	18.25	16.00	5.19	4.00	12.19	11.00	As Certified
UNITED MILLS CO., INC., Grafton, Ohio U. M. C. Wheat Bran (4273)	17.13	15.00	3.69	4.00	9.94	10.00	As Certified
WASHEBURN-CROSBY CO., Minneapolis, Minn. Gold Medal Wheat Bran and Mill Run Screen- ings (4523; 4577; 4606; 4963; 4995)	16.20	14.00	4.26	4.00	10.76	12.00	As Certified
Gold Medal Pure Wheat Bran (4549)	16.56	15.00	4.30	3.50	11.46	11.00	As Certified
Average	17.69	-----	4.59	----	9.97	-----	
<u>Mixed Feed--Wheat By-Product</u>							
<u>(With and Without Grain Screenings)</u>							
COOPERATIVE G. L. F. MILLS, INC., Buffalo, N. Y. Hard Wheat Mixed Feed (5108)	17.81	14.00	5.39	3.50	9.03	9.50	As Certified
GOOD'S CITY MILLS, Williamsport, Pa. Wheat Bran (4984)	13.06	14.00	3.49	3.00	9.52	11.00	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pe. Pure Wheat Mixed Feed (4411)	17.50	14.00	3.96	3.00	8.08	10.00	As Certified
POSTUM CO., INC., Battle Creek, Mich. Burt's Cereal Feed (4274)	20.44	17.00	3.64	3.00	14.92	20.00	As Certified
Average	17.20	-----	4.12	----	10.38	----	
<u>Wheat Middlings</u>							
<u>(With and Without Ground Grain Screenings)</u>							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Wheat Standard Middlings</u>							
COMMANDER-LARABEE CORPORATION, Minneapolis, Minn. Sunfed Middlings with Ground Screenings not Exceeding Mill Run (4541)	18.81	14.50	5.21	4.00	8.79	9.50	Wheat standard midd- lings with mill run screenings.
COOPERATIVE G.L.F. MILLS INC., Buffalo, N. Y. Wheat Middlings and Ground Screenings (4609)	19.13	15.00	5.67	4.00	8.43	9.50	Wheat standard midd- lings with mill run screenings.
HECKER-JONES-JEWELL MILLING DIVISION, Buffalo, N. Y. Standard Middlings with Ground Screenings not exceeding Mill Run (4594)	20.13	15.00	5.86	4.75	8.32	9.50	As Certified
INTERNATIONAL MILLING CO., Minneapolis, Minn. Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run (4596)	19.00	16.00	5.19	4.50	8.42	8.50	As Certified
LODONVILLE MILLING CO., Loudonville, O. Winter Wheat Middlings with Ground Screen- ings not exceeding Mill Run (4459)	16.63	15.00	4.50	4.00	6.59	7.00	Wheat standard midd- lings with mill run screenings.
MAUSER MILL CO., Treichlers, Pa. Pure Red Wheat Middlings (4923)	21.50	16.00	6.07	4.50	6.33	9.00	Wheat standard midd- lings.
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Pillsbury's Hard Wheat Standard 8 Middlings and Screenings (4936)	17.31	15.00	4.60	4.00	8.39	9.50	As Certified
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Alto Hard Wheat Middlings (4944)	20.25	15.00	5.76	4.50	6.63	8.50	Wheat standard midd- lings.
VOLANT MILLS, Volant, Pa. Pure Wheat Middlings (4513)	19.50	17.75	4.29	4.60	6.59	7.75	Wheat standard midd- lings.
Average	19.14	-----	5.24	-----	7.66	-----	
<u>Wheat Flour Middlings</u>							
CANNON VALLEY MILLING CO., Minneapolis, Minn. Cannon Valley Wheat Standard Middlings with Ground Wheat Screenings not exceeding Mill Run (4287)	19.25	16.00	4.94	4.50	6.29	9.50	Wheat flour middlings with mill run ground screenings.
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Red Rose Wheat Flour Middlings with Screenings not exceeding Mill Run (4875)	16.44	16.00	3.74	4.00	5.42	6.00	As Certified
GOOD'S CITY MILLS, INC., Williamsport, Pa. Wheat Middlings (4502-4885)	16.93	15.00	4.38	3.00	5.03	7.00	Wheat flour middlings
HANLEY MILLING CO., Mansfield, Ohio Hanley's Flour Middlings (4314)	18.13	15.00	4.66	4.00	4.47	6.00	As Certified
M. E. HERR, Schuyler, Pa. Wheat Middlings (4784)	16.38	16.00	4.54	4.50	4.86	6.00	Wheat flour middlings
ROBERT JAMIESON & SONS, Fredonia, Pa. Pure Wheat Middlings (4412)	18.81	15.00	4.92	3.50	4.30	6.00	Wheat flour middlings
KING MIDAS MILL CO., Minneapolis, Minn. Snowball Wheat Flour Middlings and Ground Wheat Screenings (4615)	18.50	16.00	4.53	4.00	4.77	6.00	As Certified
MAUSER MILL CO., Treichlers, Pa. Mauser's Flour Middlings with Ground Screenings not exceeding Mill Run (4913; 4919)	18.72	15.00	4.16	4.00	4.96	6.00	As Certified
MECHANICSBURG MILLING CO., Mechanicsburg, Pa. Soft Winter Wheat Middlings (4657)	14.69	14.50	3.71	5.00	4.77	9.00	Wheat flour middlings.
MEYERS BROTHERS, Watsontown, Pa. Wheat Middlings (4590)	16.94	14.63	4.05	3.56	4.84	5.29	Wheat flour middlings.
NATIONAL MILLING CO., Toledo, Ohio Nemico Wheat Middlings with Ground Screen- ings not exceeding Mill Run (4255; 4392)	17.44	15.00	4.26	3.50	6.34	9.00	Wheat flour middlings with mill run ground screenings.
Tollie Wheat Middlings and Wheat Flour with Ground Screenings not exceeding mill Run (4268; 4405; 4949)	16.40	15.00	3.73	3.50	5.25	6.00	Wheat flour middlings with mill run ground screenings.
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Hard Wheat A Middlings and Screenings (4735; 4863)	19.29	16.00	4.76	4.00	5.30	6.00	Wheat flour middlings with mill run ground screenings.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Wheat Standard Middlings and Ground Cleaned Wheat Screenings not exceeding Mill Run (4367)	20.13	15.00	5.14	4.00	5.72	9.50	Wheat flour middlings with mill run ground screenings.
W. A. REED ESTATE, Paxinos, Pa. Wheat Middlings (4775)	13.98	14.00	3.11	3.00	4.22	5.50	Wheat flour middlings.
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Alta Hard Wheat Middlings (4261)	19.98	15.00	5.63	4.50	5.77	5.00	Wheat flour middlings.
Occident Hard Wheat Flour Middlings (4402; 4522; 4652; 4845)	20.35	15.50	4.97	4.00	4.11	5.00	As Certified
F. W. STOCK & SONS, Hillsdale, Mich. Middlings (4322; 4406)	19.10	17.00	4.40	4.00	5.26	7.00	Wheat flour middlings.
DAVID STOTT FLOUR MILLS, INC., Detroit, Mich. Pannant Wheat Middlings with Ground Cleaned Wheat Screenings not exceed- ing Mill Run (4514)	17.91	15.00	3.94	4.00	6.26	9.00	Wheat flour middlings with mill run ground screenings.
UNITED MILLS CO., INC., Grafton, Ohio U. M. C. Wheat Middlings with Ground Screenings not exceeding Mill Run (4272; 4737)	17.79	16.50	4.19	5.00	6.17	7.50	Wheat flour middlings with mill run ground screenings.
WASHBURN-CROSBY CO., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings (4915)	19.69	16.00	4.60	4.00	5.00	6.00	As Certified
WILLIAMS BROTHERS CO., Kent, Ohio Fancy Winter Wheat Middlings (4962)	15.44	14.00	3.75	3.50	5.23	9.50	Wheat flour middlings.
Average	18.03	-----	4.38	----	5.16	-----	
<u>White Shorts</u>							
C. R. BERGER, Trout Run, Pa. Wheat Middlings (4376; 4804)	14.69	13.00	3.10	2.50	3.04	6.50	Wheat white shorts.
INTERNATIONAL MILLING CO., Minneapolis, Minn. Blackhawk Wheat Flour Middlings (4413; 4608; 4614)	19.50	16.00	4.36	3.50	3.34	4.00	Wheat white shorts.
KEYSTONE MILLS, Hughesville, Pa. Wheat Middlings (4588)	15.69	16.00	3.71	4.00	4.34	6.00	Wheat white shorts.
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Hard Wheat Middlings and Screenings (4407; 4421; 4969)	18.73	16.00	4.53	4.00	3.70	6.00	Wheat white shorts with mill run ground screenings.
GEO. L. REED MILLING CO., Brookville, Pa. Wheat Middlings with Screenings not exceed- ing Mill Run (4340)	16.75	15.00	3.89	4.00	3.58	12.00	Wheat white shorts with mill run ground screenings.
THE RICHARDS MILLING CO., Cortland, O. Fancy Winter Wheat Middlings (4604)	15.94	15.00	3.09	3.00	3.86	10.00	Wheat white shorts.
Average	17.49	-----	3.96	----	3.54	-----	
<u>Low Grade Flour</u>							
ASH BROTHERS, Briar Creek, Pa. Wheat Middlings (4996)	10.81	13.94	2.09	3.51	1.73	4.86	Low grade wheat flour.
LANTZY MILLING CO., Barnesboro, Pa. Pure Wheat Flour Middlings (4260)	17.44	16.00	5.06	4.00	3.97	6.00	Low grade wheat flour.
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. XX Daisy (4365)	20.06	16.00	4.86	4.00	1.67	4.00	Low grade wheat flour.
THE RICHARDS MILLING CO., Cortland, O. Fancy Winter Wheat Middlings (4325)	18.25	15.00	3.84	3.00	4.42	10.00	Low grade wheat flour.
ROBIN HOOD MILLS LTD., Moose Jaw, Canada. Superior Wheat Red Dog (4516)	17.28	16.50	4.62	3.50	3.91	4.00	Low grade wheat flour.
WASHBURN-CROSBY CO., Minneapolis, Minn. Gold Medal Pure Hard Wheat Adrian Red Dog (4364)	19.75	16.00	4.37	3.50	2.68	4.00	Low grade wheat flour.
Average	17.37	-----	4.14	-----	3.06	-----	
<u>BUCKWHEAT MIDDINGS</u>							
H. O. AYER, Ulster, Pa. Buckwheat Middlings (5032)	26.50	25.00	7.31	4.00	3.84	10.00	As Certified
<u>RYE OFFAL</u>							
<u>Rye Middlings</u>							
BAY STATE MILLING CO., Winona, Minn. Wingold Rye Middlings with Ground Screen- ings not exceeding Mill Run (4551)	16.56	15.00	3.73	2.50	6.62	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OAT BY-PRODUCT</u>							
<u>Oat Feed</u>							
QUAKER OATS CO., Chicago, Ill. Banner Feed (5154)	15.31	13.00	4.26	4.50	17.57	19.00	Oat meal mill by-products (oat middlings, oat shorts, oat hulls).
Vim Feed (4408)	6.44	5.00	2.05	1.50	27.62	30.00	Oat meal mill by-products (oat middlings, oat shorts, oat hulls).
Average	10.88	-----	3.16	-----	22.59	-----	
<u>ALFALFA MEAL</u>							
THE DENVER ALFALFA MILLING CO., Lamar, Colorado Triple XXX Alfalfa Meal (4521;4546)	14.88	13.00	1.91	1.00	28.66	33.00	As Certified
MEADOW BROOK FARMS, Nazareth, Pa. Meadow Brook Superior Alfalfa Meal (4266)	17.88	17.00	2.02	2.00	27.52	25.00	As Certified
PECOS VALLEY ALFALFA MILL CO., Hegerman, N. M. Velvet Meal (4370)	18.81	17.00	2.96	1.50	21.79	23.00	As Certified
SAUNDERS MILL INC., Toledo, Ohio Velvet Brand Poultry Meal (5135)	14.94	17.00	1.72	1.50	35.05	25.00	Dehydrated alfalfa meal.
Average	16.28	-----	2.10	-----	28.33	-----	
<u>DRIED BEET PULP</u>							
AMERICAN CRYSTAL SUGAR CO., Denver, Colorado Dried Molasses Beet Pulp (4334)	12.38	10.00	0.67	0.50	15.39	20.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Dried Beet Pulp (4270; 4415; 4739)	9.77	7.00	0.52	0.30	19.77	22.50	As Certified
Average	10.43	-----	0.56	-----	18.67	-----	
<u>MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS</u>							
<u>Proprietary Dairy Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Supplemental Dairy Feed (5121)	32.56	32.00	5.11	4.50	8.22	9.00	As Certified
ALLIED MILLS INC., Chicago, Ill. Amco American Dairy Ration (4879)	26.94	24.00	4.13	4.00	7.91	10.00	As Certified
Amco 24% Dairy Ration (4591; 4785)	28.60	24.00	4.44	4.00	8.34	9.00	As Certified
Amco 24% Universal Dairy Ration (5124)	27.38	24.00	4.99	4.00	8.20	9.00	As Certified
Amco 32% Supplemental Dairy Ration (5123)	33.38	32.00	5.00	4.00	6.53	9.00	As Certified
Wayne 20% Dairy Feed (4338)	20.31	20.00	3.91	4.00	6.83	9.00	As Certified
Wayne 24% Dairy Feed (4937; 5009)	26.57	24.00	5.07	4.00	8.40	9.00	As Certified
Wayne 32% Farm Mix Dairy Feed (4337)	36.13	32.00	5.13	4.00	7.13	9.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Best 16% Dairy Feed (4256; 4540; 4618; 4700)	17.71	16.00	4.14	3.00	10.28	11.00	As Certified
Altman's Open Formula 20% Dairy Feed (4257; 4462; 4539; 4698; 4955)	22.40	20.00	4.25	4.00	9.08	10.00	As Certified
Altman's 24% Dairy Feed (4258; 4699; 4740)	25.71	24.00	3.71	4.00	8.04	10.00	As Certified
Altman's 24% Dairy Feed (4537)	26.44	24.00	4.55	4.00	8.54	12.00	Found in addition brewers grains.
ANDERSON GRAIN & FEED CO., York, Pa. Anderson's 24 Dairy Feed (5084)	27.94	24.00	3.33	4.00	9.17	12.00	As Certified
GEO. M. ANTHONY, Stroudstown, Pa. Anthony's Perfectly Balanced Dairy Feed (4443)	21.63	20.00	4.52	3.50	7.92	9.00	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill. Milker's Ready Ration (4397)	22.50	22.00	3.93	4.00	8.63	12.00	Found in addition small amount underground weed seeds.
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Dairy Ration 20% (5158)	23.50	20.00	5.15	5.00	8.48	9.00	As Certified
Oak Leaf Dairy Ration 24% (5157)	25.50	24.00	5.14	5.00	8.21	9.00	As Certified
THE SEACON MILLING CO., INC., Ceylge, N. Y. Auburn Dairy Feed (4432; 4599; 5115)	22.13	20.00	3.75	4.00	7.77	10.00	As Certified
Seacon Sweet "20" (5116)	22.31	20.00	4.02	4.50	7.42	9.00	As Certified
Seacon Sweet "24" (4904)	26.88	24.00	3.84	4.00	8.00	9.00	As Certified
Seacon "32" (4905)	32.06	32.00	3.91	4.50	7.14	8.50	As Certified
C. R. BERGER, Trout Run, Pa. Berger's Milk Producer (4801)	23.50	24.00	3.22	4.00	6.97	9.00	As Certified
Berger's Milk Producer (4373)	22.13	24.00	3.61	4.00	5.25	9.00	Oil meal identified as linseed oil meal. Found in addition salt.
THE SUCKEYE CEREAL CO., Massillon, Ohio Ber X 20% Dairy Feed (4959)	22.94	20.00	3.36	3.00	9.87	12.00	As Certified
CANNONSBURG MILLING CO., Cannonsburg, Pa. C. M. C. Dairy Feed 20% (4947)	20.69	20.00	3.53	4.00	8.12	8.00	Corn meal not detected. Found in addition ground barley, alfalfa meal and soy bean meal.
CITY FLOURING MILLS INC., Muncy, Pa. Muncy 20% Dairy (4505; 4899)	18.75	20.00	4.04	4.00	8.09	11.00	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Muncy 24% Dairy (4504; 4898)	P. ct. 24.19	P. ct. 24.00	P. ct. 4.44	P. ct. 4.00	P. ct. 8.82	P. ct. 11.00	As Certified
Muncy 32% Dairy (4506; 4900)	32.82	32.00	5.40	4.00	8.61	11.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Dairy Feed (4767)	23.63	22.00	4.59	4.00	7.75	9.00	As Certified
C. E. CONKEY CO., Cleveland, Ohio Conkey's Gecco Dairy Feed 20% Protein (4848)	27.63	20.00	3.13	4.00	8.48	8.00	As Certified
COOPERATIVE G.L.F. MILLS INC., Buffalo, N. Y.	21.44	20.00	6.37	4.00	6.29	7.00	As Certified
G. L. F. Laying Mash (5022)							
G. L. F. Quality Exchange Dairy (4292; 4417; 4564; 5024)	22.41	20.00	3.94	4.00	6.84	8.50	As Certified
G. L. F. Quality Legume Dairy (4681; 5025)	22.22	18.00	3.90	4.00	7.62	8.50	As Certified
G. L. F. Quality Milk Maker (4293; 4419; 4563; 4894; 5023)	25.40	24.00	3.98	4.00	7.08	8.50	As Certified
G. L. F. Quality Summer Dairy (4682)	20.81	20.00	4.03	3.50	7.76	10.00	Found in addition charcoal.
G. L. F. Super Exchange Dairy Feed (4562; 5139)	21.91	20.00	4.98	4.50	7.27	8.00	As Certified
G. L. F. 13% Dairy (5206)	21.25	18.00	3.48	3.00	8.76	12.00	As Certified
G. L. F. 30% Supplemental (5117)	34.63	30.00	4.27	4.00	5.97	8.50	As Certified
A. O. DAILEY & SON, Binghamton, N. Y. Dailey Special 20 Dairy Ration (4839)	21.88	20.00	3.00	4.00	10.92	12.10	As Certified
DARLINGTON MILLING CO., Darlington, Pa. Darnico 20% Dairy (5053)	24.38	20.00	4.38	3.00	8.33	8.00	As Certified
DEAN & LEE, Horseheads, N. Y. Perfection Dairy Ration (5133)	23.50	20.00	4.60	4.50	8.60	9.00	As Certified
DELAWARE MILLS INC., Deposit, N. Y. Delaware Special Dairy Feed 20% (4663)	23.25	20.00	4.62	4.50	9.08	10.00	As Certified
Delaware 24% Dairy Feed (4659)	24.25	24.00	4.70	4.50	7.93	9.00	As Certified
DIETRICH & GAMBRILL INC., Frederick, Md. Gambrill's A-1 Dairy Feed (4782; 5012)	25.94	24.00	4.81	4.60	9.47	9.00	As Certified
Gambrill's High Protein Dairy Feed (5011)	31.13	32.00	5.00	5.00	8.32	9.00	As Certified
Pen Mar Dairy Feed (5010)	24.19	20.00	4.20	4.00	7.57	9.00	As Certified
THE DUNHAM MILLS, Wellaboro, Pa. Tyoga Brand Dairy Ration (4380; 5147)	23.19	24.00	5.00	5.00	7.35	9.00	As Certified
20% Special Dairy Ration (4378)	19.50	20.00	3.89	3.50	9.61	12.00	As Certified
EATON FLOUR MILL, Lawrenceville, Pa. Eaton's Dairy Ration (5156)	21.81	20.00	4.92	4.00	10.40	9.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Eshelman Challenge 24 Dairy Feed (4999)	25.81	24.00	4.86	4.00	8.73	11.00	As Certified
Eshelman Conestoga 20 Dairy Feed (4835)	22.38	20.00	4.65	4.00	10.02	11.00	As Certified
Eshelman Lancaster 20 Dairy Feed (5001)	24.50	20.00	5.36	4.00	7.95	11.00	As Certified
Eshelman Pennsy 16 Dairy Feed (5000)	18.56	16.00	4.53	3.00	10.27	11.00	As Certified
Eshelman Pennsy 16 Dairy Feed (4336)	16.50	16.00	4.02	3.00	12.33	11.00	Found in addition small amount soybean oil meal and unground weed seeds.
Eshelman Red Rose 24 Dairy Feed (4361; 4390; 4511; 4974; 4997)	26.91	24.00	4.32	4.00	9.97	11.00	As Certified
Eshelman S. O. S. (4342)	15.44	11.00	3.08	2.00	15.44	15.00	As Certified
Eshelman 32% Mixing Ration (4510; 4998)	33.82	32.00	4.10	4.50	7.03	9.00	As Certified
Maintenance 16% Dairy Feed (4394)	18.01	16.00	4.19	3.00	12.58	11.00	Found in addition small amount unground weed seeds.
Maintenance 20% Dairy Feed (4391)	21.31	20.00	3.96	4.00	12.68	11.00	Found in addition small amount unground weed seeds.
Maintenance 24% Dairy Feed (4990)	26.50	24.00	4.23	4.00	10.63	11.00	As Certified
FACTORYVILLE MILLING CO., Factoryville, Pa. Miracle Sweet Cow Feed (5103)	26.88	24.00	3.43	3.80	8.36	7.50	As Certified
FLORY MILLING CO., INC., Bangor, Pa. Flory's 24% Special Dairy Feed (5070)	24.38	24.00	3.47	3.50	9.11	10.00	As Certified
National Dairy Feed (5068)	17.56	16.00	3.38	3.50	9.39	12.00	Found in addition ground barley.
GOLDEN GRAIN MILLS INC., Harrisburg, Pa. Capitol Dairy Feed 16% (4762)	13.31	16.00	3.33	3.75	9.12	11.00	As Certified
Capitol Dairy Feed 20% (4764)	21.13	20.00	3.89	3.50	10.95	8.00	Found in addition brewers dried grains and malt sprouts.
Golden Grain Dairy Feed 20% (4761)	21.44	20.00	5.00	4.50	8.87	9.00	Found in addition malt sprouts, brewers grains, oyster shell, bone charcoal.
Golden Grain Dairy Feed 24% (4756)	24.31	24.00	5.43	4.50	9.80	9.00	As Certified
Golden Grain Dairy Feed 32% (4763)	31.06	32.00	5.00	4.00	8.44	9.00	Found in addition oyster shell, brewers dried grains, malt sprouts.
D. H. GRANDIN MILLING CO., Jamestown, N. Y. Grandin's Twin Six Dairy Feed (4829)	21.31	22.00	5.22	5.00	8.77	12.00	As Certified
GRUBE & MADEIRA, Elizabethtown, Pa. G & M Pasture Ration (4747)	15.25	-----	3.74	-----	13.07	-----	Ingredients identified: Cottonseed meal, gluten, peanut meal, bran, ground grain screenings, oat meal by-products (oat middlings, oat shorts, oat hulls), molasses, salt.

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
G & M 15% Dairy Feed (4721)	15.25	16.00	3.90	3.00	13.31	12.00	As Certified
G & M 18% Dairy Feed (4722)	16.44	18.00	4.08	3.00	11.24	12.00	As Certified
G & M 20% Dairy Feed (4723)	21.56	20.00	4.13	3.00	7.54	10.00	As Certified
G & M 25% Dairy Feed (4724)	24.63	25.00	4.87	4.00	8.60	10.00	As Certified
G & M 32% Dairy Feed (4726)	32.25	32.00	4.95	4.00	8.61	10.00	As Certified
A. C. HENRY, Savon Valleys, Pa. Henry's Common Sense Dairy Feed (4472)	21.31	20.00	3.69	4.00	8.10	10.00	As Certified
HERRMAN-McLEAN CO., Cleveland, Ohio Ohio 16% Dairy Ration (4635)	18.38	16.00	4.41	3.50	11.15	12.00	Cocoon oil meal not detected. Found in addition unground weed seeds and brewers dried grains.
Ohio 16% Dairy Ration (4736)	19.00	16.00	3.93	3.50	10.26	12.00	Found in addition small amount unground weed seeds.
HONESDALE FLOUR & FEED CO., Honesdale, Pa.							
Tru Mix 20% Dairy Ration (4671)	21.13	20.00	4.04	4.50	8.65	9.00	As Certified
Tru Mix 24% Dairy Ration (4670)	24.38	24.00	3.79	4.50	7.79	9.00	As Certified
18% Dairy Ration (4669)	19.75	18.00	3.50	3.50	8.15	9.00	As Certified
THE JERSEE CO., Minneapolis, Minn. Jersee Milk Food Compound (4315)	19.13	18.00	5.26	4.00	1.13	2.00	As Certified
KASCO MILLS INC., Waverly, N. Y. Apex 20% Dairy Ration (4573)	23.19	20.00	3.35	3.50	11.01	12.00	As Certified
Seatsall Milk Grains (4572)	27.19	22.00	3.87	4.00	8.05	10.00	As Certified
Kasco Special 18% Dairy Ration (4279)	21.59	18.00	4.08	3.50	12.05	12.00	Soybean meal not detected.
Kasco 16% Dairy Feed (4280)	19.44	16.00	3.96	3.50	13.22	12.00	Found in addition small amount unground weed seeds.
Kasco 16% Dairy Feed (4650)	18.06	16.00	3.84	3.50	12.26	12.00	Found in addition small amount unground weed seeds.
Kesco 18% Dairy Ration (4571)	23.50	18.00	3.82	3.50	7.52	10.00	As Certified
Kesco 18% Dairy Ration (4600)	22.13	18.00	3.52	3.50	9.08	10.00	Found in addition linseed oil meal.
Oc-Sak 24% Dairy Feed (4278)	23.94	24.00	4.57	4.00	10.95	12.00	Found in addition small amount unground weed seeds.
H. B. KRATZ & SON, Schwenksville, Pa. Ideal Dairy Ration (5074)	23.38	20.50	4.26	3.50	8.68	11.00	As Certified
THE LARROWE MILLING CO., Detroit, Mich. Larro The Ready Ration for Dairy Cows (4487; 4852; 5046)	22.35	20.00	3.90	3.75	10.13	12.00	As Certified
Larrowa's 15% Dairy Feed (4579)	17.44	16.00	3.32	3.00	10.87	11.00	As Certified
Larrowa's 20% Dairy Feed (4580)	21.56	20.00	3.79	3.75	11.28	12.00	As Certified
Larrowa's 32% Dairy Feed (5150)	33.00	32.00	4.73	4.00	10.04	10.50	As Certified
LYCOMING MILLS, Williamsport, Pa. Dairy Feed (4808)	25.13	24.00	4.52	4.50	7.94	9.50	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.							
B-B Farmers Mixing Feed Sweetened (5086; 5127)	35.94	32.00	4.24	5.00	6.99	10.00	As Certified
B-B H1-Test Dairy Feed Sweetened 20% (5034; 5085)	23.29	20.00	4.33	4.00	10.56	12.00	As Certified
B-B R1-Test Dairy Feed Sweetened 24%(5128)	27.94	24.00	4.23	4.00	8.81	12.00	As Certified
B-B Warmico Dairy Feed with Molasses 16% (4382; 4790; 5035; 5083)	17.78	16.00	3.96	4.00	12.22	12.00	As Certified
MAUSER MILL CO., Allentown, Pa. Mauser's Dairy Ration (4911)	22.75	21.00	4.59	4.00	10.61	12.00	As Certified
MEAD & BANNISTER, North East, Pa. M & B Dairy (4612)	24.25	20.00	4.95	4.00	9.83	9.00	As Certified
MERCER MILLING CO., Mercer, Pa. Davis 18% Dairy Feed (5181)	20.75	18.00	3.17	4.00	9.43	11.00	Found in addition buckwheat.
Davis 24% Dairy Feed (5182)	25.88	24.00	3.90	5.00	6.88	10.00	Found in addition buckwheat.
GEO. Q. MOON & CO., Singhamton, N.Y. U. S. 20% Dairy Ration (4840)	20.81	20.00	4.36	3.00	11.00	12.00	As Certified
U. S. 24% Dairy Ration (5087)	24.69	24.00	4.57	3.00	8.75	12.00	As Certified
MOSCOW MILLING CO., Moscow, Pa. Dairy Feed (4566)	22.13	24.00	4.75	4.00	8.28	8.00	As Certified
MOYER & SON, Souderton, Pa. Landis Dairy (5080)	22.69	20.00	4.54	4.00	8.44	10.00	Found in addition barley.
NICKLE PLATE FLOUR MILLS, Erie, Pa. Cow Feed (4985; 5202)	23.91	20.00	4.34	3.50	8.18	10.00	As Certified
P. J. OESTERLING & SON, Butler, Pa. Our Special Dairy Feed (4494)	22.06	20.00	3.28	3.50	11.21	12.00	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Doublex 20% Dairy Ration (4527)	21.88	20.00	4.58	4.00	8.51	11.00	As Certified
Manamar Doublex 20% Dairy Ration (5205)	22.94	20.00	4.18	4.00	8.22	10.00	As Certified
Top Notch 16% Dairy Ration (4524)	17.94	16.00	3.50	3.50	11.27	11.00	Soybean meal not detected. Found in addition small amount unground weed seeds.
PHILIPS & SIBLEY CO., Cuba, N. Y. Farm Relief 32 Supplemental Dairy Ration (5153)	35.44	32.00	4.95	4.50	6.81	9.00	As Certified
P & S Dairy Ration (4841; 5152)	23.38	20.00	4.34	4.00	8.65	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PRATT FOOD CO., Philadelphia, Pa.							
Armour's 24% Dairy Feed (4888)	27.00	24.00	4.91	4.00	11.60	12.00	As Certified
Pratt's Sweet 20% Dairy Feed (5210)	22.44	20.00	3.92	4.00	9.82	12.00	As Certified
PRESTONS INC., Canton, Pa.							
Preston's 16% Dairy (5132)	18.06	16.00	4.19	3.50	9.40	12.00	Found in addition barley.
Sweet Dairy #3 (5131)	22.94	20.00	4.44	4.00	7.44	7.00	As Certified
PURINA MILLS, Buffalo, N. Y.							
Purina Blue Checker Cow Chow 20% (4398; 4865)	22.56	20.00	3.25	3.00	9.74	12.00	As Certified
Purina Body Cow Chow (4585)	18.94	16.00	4.55	3.50	10.97	12.00	As Certified
Purina Bulky Las Chow (4623)	11.81	9.00	2.54	1.30	14.39	15.00	As Certified
Purina Bulky Las Chow (4396)	11.31	9.00	2.29	1.30	13.47	15.00	Found in addition small amount un- ground weed seeds.
Purina Green Checker Cow Chow 24% (4624; 4642; 5004; 5019; 5193)	26.31	24.00	3.99	3.50	9.30	12.00	As Certified
Purina Red Checker Cow Chow 34% (4400)	36.63	34.00	4.19	3.00	7.44	12.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Sugared Schumacher Feed (4383; 4488; 4574; 4832; 4979)	11.67	10.00	4.10	3.00	11.63	12.00	As Certified
Quaker 20% Dairy Ration (4570; 4620; 4991; 5216)	22.14	20.00	3.36	3.00	10.93	12.00	As Certified
Quaker 24% Dairy Ration (4569; 5215)	25.10	24.00	4.21	4.00	11.47	12.00	As Certified
W. A. REED ESTATE, Paxinos, Pa.							
Shamrock Special Dairy Feed (4773)	23.88	20.00	4.25	3.19	7.75	9.00	Linseed oil meal not detected. Found in addition ground barley.
RICHARDS MILLING CO., Cortland, Ohio							
Richard's 16% Dairy Feed (4867)	21.44	16.00	2.45	4.00	11.87	12.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Eradford Dairy Ration (5221)	23.56	19.00	5.24	4.25	7.44	9.00	As Certified
Canton 16% Dairy Ration (5223)	18.88	16.00	4.78	4.00	10.37	12.00	As Certified
Rockwell's High Protein Dairy Ration (5222)	26.19	23.00	5.32	4.50	7.65	9.00	As Certified
Rockwell's Milk Mash (5219)	22.56	19.00	5.38	4.25	5.85	7.00	As Certified
32% Mixing Ration (5224)	34.88	32.00	6.07	4.25	6.92	9.00	As Certified
SCHIRMER BROTHERS, Belle Valley, Pa.							
Schrimer's Dairy Feed (5190)	24.13	21.00	4.44	4.00	7.49	9.00	As Certified
ESTATE OF GEO. S. SNYDER, Hatfield, Pa.							
Snyder's Quality Dairy Feed (5065)	22.75	20.00	4.65	3.50	8.22	8.75	As Certified
STEARNS MILLS, Kingsley, Pa.							
Stearn's 18% Dairy Feed (4842)	19.50	18.00	3.56	4.00	8.79	11.00	As Certified
Stearn's 22% Dairy Feed (4843)	23.13	22.00	4.17	4.00	9.08	10.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Iron City Dairy Feed (5176)	21.25	16.00	3.41	3.00	8.02	12.00	As Certified
Shedyside Special Dairy Feed (5177)	22.19	20.00	4.00	4.00	9.25	12.00	As Certified
Shedyside 24% Dairy (5175)	24.31	24.00	3.83	4.00	10.35	11.00	Found in addition ground barley.
TIOGA MILLS INC., Waverly, N. Y.							
Creamatine 24% (5038)	25.81	24.00	4.71	4.50	8.42	10.00	As Certified
E-Cee Dairy Feed (5097; 5111)	24.50	20.00	4.43	3.50	8.02	10.00	As Certified
Or-Co Feed (5098)	22.06	18.00	3.10	2.50	10.40	12.00	As Certified
Red Brand Tioga Dairy Feed (4836; 5037; 5096)	26.91	24.00	4.46	4.50	7.25	10.00	As Certified
LEONARD M. TORREY, Townville, Pa.							
Purity Dairy Feed (4601)	24.25	22.00	4.86	4.00	9.50	10.00	As Certified
URIKO MILLING CO., Cincinnati, Ohio							
20% Sunbeam Dairy Ration (4880)	22.81	20.00	3.49	3.00	10.43	12.00	As Certified
24% Sunbeam Dairy Ration (4345)	24.13	24.00	4.11	3.50	8.27	12.00	As Certified
20% Sweet Union Grains (5166)	23.19	20.00	4.78	4.00	8.97	10.00	As Certified
24% Sweet Union Grains (4881)	26.19	24.00	4.61	4.00	9.42	10.00	As Certified
32% Sweet Union Grains (5165)	33.50	32.00	2.60	3.50	6.10	10.00	As Certified
UNION COAL & SUPPLY CO., Union City, Pa.							
Union Dairy Feed (4818)	21.31	20.00	5.24	4.00	12.02	12.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio							
Purity 24% Dairy Ration (4893)	26.63	24.00	3.62	4.50	7.62	10.00	As Certified
Urbana 24% Dairy Ration (4892)	25.50	24.00	3.37	3.50	9.28	12.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vandervort's 20% Special Dairy Ration (5146)	21.25	20.00	5.10	4.50	6.75	7.00	As Certified
VITALITY MILLS INC., Chicago, Ill.							
Special Velvet Dairy Feed (4448)	18.19	16.00	4.23	3.00	10.81	12.00	Soybean meal not detected.
WADSWORTH FEED CO., Warren, Ohio							
Wadeco 24% Dairy Ration (5059)	23.44	24.00	4.44	4.00	12.58	10.00	As Certified
Wadsworth Open Formula 32% Dairy Ration (5060)	34.06	32.00	5.00	4.50	8.03	9.00	As Certified
Wadsworth Special Dairy Ration (5058)	20.56	20.00	4.11	3.75	14.72	12.00	As Certified
Wadsworth 16% Dairy Ration (4602)	20.69	16.00	3.47	3.00	14.51	12.00	As Certified
Wadsworth 16% Dairy Ration (4319)	17.94	16.00	3.16	3.00	16.00	12.00	Linseed meal and soybean meal not detected. Found in addition ground oats.
WALDO BROTHERS, Wysox, Pa.							
Walbro Dairy Ration (5029)	24.69	21.00	4.01	4.00	8.32	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
WAYNE MILLINC CO., Honesdale, Pa. S. P. Dairy Ration (4668)	18.75	20.00	2.88	4.00	13.32	11.00	As Certified
Wayne Dairy 24% (4667)	24.19	24.00	4.00	4.00	7.36	8.50	As Certified
WELLES MILL CO., Wyalusing, Pa. Wellco Milk Mash (5142)	20.25	19.00	4.83	4.00	7.22	8.00	Mineral identified as calcium carbonate. Found in addition crab meat and tomato dehydrated.
Wellco 24 Dairy Ration (5141)	26.25	24.00	3.13	4.00	6.87	9.00	As Certified
E. E. WENTZ, Lock Haven, Pa. Wentz's 20% Dairy Ration (5212)	24.06	20.00	4.68	4.00	10.29	11.00	As Certified
Wentz's 32% Dairy Ration (5211)	35.44	32.00	4.87	4.50	9.48	9.50	As Certified
WEST SIDE FEED & FUEL CO., Erie, Pa. Our Dairy (4988)	25.00	24.00	4.65	5.00	7.09	8.00	Found in addition brewers dried grains.
A. H. WHITE, Monroeton, Pa. White's Bradco Dairy Ration (5120)	24.69	20.00	5.08	4.50	7.64	6.00	Found in addition brewers grains.
J. W. WOLCEMUTH, Rheems, Pa. J. W. Special Iodized 22% Dairy Feed (4751)	23.50	22.00	5.19	4.50	8.18	8.00	As Certified
J. W. Special 32% Dairy Supplement (4752)	35.00	32.00	4.77	3.50	5.78	6.00	As Certified
CRAWFORD M. WOODS, Corry, Pa. Old Reliable Dairy Ration (4974)	27.06	24.00	3.53	4.50	7.09	11.00	As Certified
Average	23.55	----	4.20	----	9.11	----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS INC., Chicago, Ill. Amco Horse Feed (5125)	12.06	9.00	3.10	3.00	7.60	10.00	As Certified
Wayne Supreme Horse Feed (4938)	11.84	9.50	3.07	3.00	4.68	8.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Horse Feed (4252)	11.50	8.00	3.92	1.00	8.23	15.00	As Certified
BELLEVILLE FLOUR MILLS, Belleville, Pa. Big Valley Horse and Mule Feed (4685)	13.75	10.00	3.88	3.00	6.76	12.00	As Certified
BLANK & GOTTSHALL CO., INC., Sunbury, Pa. B & C Alfalfa Molasses Horse Feed (4689)	10.00	10.00	2.48	3.00	7.27	8.00	As Certified
COOPERATIVE C.L.F. MILLS INC., Buffalo, N. Y. C.L.F. Quality Fitting Ration (4295; 4418; 4555; 4896)	14.99	13.00	3.75	4.00	6.18	7.00	As Certified
C.L.F. Quality Horse Feed (4680)	12.75	9.00	3.77	3.50	5.87	9.00	As Certified
DIETRICH & CAMERILL INC., Frederick, Md. Frederick Horse Feed (4798)	10.50	7.00	3.05	2.00	8.52	12.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Red Rose Stock Feed (4875)	12.88	9.00	3.40	3.00	10.30	11.00	As Certified
FACTORYVILLE MILLINC CO., Factoryville, Pa. Miracle Sweet Horse Feed (5102)	11.81	-----	4.96	----	8.38	----	As Certified
D. H. GRANDIN MILLINC CO., Jamestown, N. Y. Grandin's Stock Food (4824)	11.00	8.50	5.13	4.00	11.38	12.00	As Certified
GRUDE & MADEIRA, Elizabethtown, Pa. C & M Horse Feed (4728)	12.31	11.00	3.44	3.00	7.14	12.00	Found in addition ground barley and ground clover hay.
HERRMAN-McLEAN CO., Cleveland, Ohio Portage Horse and Mule Feed (4732)	11.28	9.00	3.16	2.50	5.34	8.00	As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa. Tru-Mix Fitting Ration (4674)	15.38	15.00	5.13	4.50	8.26	8.00	As Certified
KASCO MILLS INC., Waverly, N. Y. Kasco Horse Feed (4576)	12.60	9.00	3.10	3.00	8.36	10.00	As Certified
MAUSER MILL CO., Allentown, Pa. Mauser's Stock Feed (4914)	13.06	12.00	3.90	3.25	6.85	12.00	As Certified
MOSES BROTHERS CO., INC., Eaton, N.Y. Moco Brand Horse Feed (4676)	12.63	9.00	3.12	3.00	6.26	10.00	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Horse Feed (4525)	12.78	10.00	3.67	3.50	7.63	9.00	As Certified
PURINA MILLS, St. Louis, Mo. Purina Omolene (5194)	13.50	10.00	3.82	3.20	7.46	9.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Quaker Green Cross Horse Feed (4575)	11.85	10.00	3.21	2.50	11.50	12.00	Found in addition small amount unground weed seeds.
Quaker Green Cross Horse Feed (4958)	12.49	10.00	3.15	2.50	10.35	12.00	Found in addition ground barley.
H. ROCKWELL & SON, Canton, Pa. Rockwell's Fitting Ration (6225)	17.50	14.00	5.18	4.00	7.43	9.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JESSE C. STEWART CO., Pittsburgh, Pa. Iron City Brand Stock Feed (4851)	9.56	8.00	3.72	2.00	13.45	12.00	As Certified
Red Letter Alfalfa Horse Feed (4518)	11.32	8.00	2.41	0.50	8.57	14.00	As Certified
VITALITY MILLS INC., Chicago, Ill. Advance Stock Feed (4453)	11.31	7.00	3.14	2.00	12.37	12.00	As Certified
Special Rosebro Horse Feed (4449)	11.65	9.00	3.05	2.00	6.88	11.00	As Certified
Vitality 24% Maintenance Feed (4447)	25.81	24.00	4.21	3.50	10.31	12.00	As Certified
WARNER'S MILL, Alliance, Ohio Warner's Blue Ribbon Horse Feed (5061)	12.38	9.00	3.25	3.50	6.65	9.00	As Certified
Average	13.08	-----	3.63	-----	8.02	-----	
<u>Proprietary Calf Meal</u>							
COOPERATIVE G.L.F. MILLS, Buffalo, N.Y. G. L. F. Calf Meal (4561; 4822; 5109; 5118)	22.25	19.00	4.45	4.00	4.08	3.50	As Certified
GRUBB & MADEIRA, Elizabethtown, Pa. G & M Calf Meal (4746)	23.19	24.00	4.37	3.50	5.53	6.00	Copra meal not detected.
KASCO MILLS, Waverly, N. Y. Kasco Calf Meal (5048)	23.88	21.00	4.98	3.50	4.10	4.50	As Certified
LARROWE MILLING CO., Detroit, Michigan Larro Calf Meal (4486; 5047)	25.10	23.00	4.25	4.00	3.87	4.00	As Certified
RYDE & CO., Chicago, Ill. Ryde's Cream Quality Calf Meal (5062)	21.44	19.00	3.67	4.00	4.05	4.00	As Certified
TIOGA FEED MILLS INC., Waverly, N.Y. Tioga Calf Feed (5106)	25.75	21.00	5.23	4.00	5.37	7.00	As Certified
THE UBIKO MILLING CO., Cincinnati, Ohio Ubiko Calf Meal (4982; 5164)	29.47	28.00	3.70	3.00	2.97	3.00	As Certified
Average	24.37	-----	4.33	-----	4.09	-----	
<u>Proprietary Swine Feed</u>							
ALLIED MILLS INC., Chicago, Ill. Emergency Hog Feed (4331)	15.44	14.00	4.74	3.50	4.96	7.00	Found in addition fish meal.
Wayne Pork Maker (4424)	14.44	14.00	4.36	3.50	4.06	7.00	As Certified
H. S. ALTMAN, Irwin, Pa. Hog Feed (4536)	21.56	15.00	5.44	3.00	7.14	7.00	Found in addition charcoal and ground bone.
Hog Feed (4622)	24.00	15.00	6.05	3.00	6.98	7.00	Found in addition charcoal, beet pulp, oats-ground, ground bone, ground screenings.
ARCADY FARMS MILLING CO., Chicago, Ill. Arcady Hog Meal (4275)	18.94	15.00	5.07	3.50	7.53	8.00	As Certified
ELANK & GOTTSHALL CO., INC., Sunbury, Pa. B & G Hog Feed (4690)	17.50	17.00	5.23	4.00	11.25	8.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Our Quality Pig Ration (5039)	18.31	16.50	4.92	4.50	5.08	5.00	Found in addition small amount ground screenings.
THE HUCKEYE CEREAL CO., Massillon, Ohio Buckeye Pig and Hog Meal (4964)	16.69	14.50	3.85	8.00	5.69	3.50	Found in addition barley.
J. A. CLARK, Weigh Scales, Pa. Clark's Hog Meal (4770)	18.56	18.00	5.62	4.50	5.61	8.00	Found in addition ground barley and ground buckwheat.
COOPERATIVE G.L.F. MILLS, Buffalo, N.Y. G.L.F. Hog Feed (4677; 5107; 5113)	16.35	14.00	4.79	3.50	5.72	6.00	As Certified
DELAWARE MILLS INC., Deposit, N. Y. Delaware Pig Feed (4665)	19.13	16.00	4.92	4.00	5.69	8.00	As Certified
DIETRICH & GAMBRILL, Lewistown, Pa. Gambrill's Hog Meal (5013)	20.00	18.00	4.65	4.00	5.92	8.00	As Certified
H. E. DYE, Turbotville, Pa. Profit Maker Pig Grower (4781)	19.31	17.00	5.13	4.00	5.57	7.50	As Certified
FACTORYVILLE MILLING CO., Factoryville, Pa. Miracle Sweet Pig Feed (5100)	16.19	20.00	4.15	5.00	7.45	10.00	As Certified
GOLDEN GRAIN MILLS INC., Harrisburg, Pa. Capitol Hog Feed (4759)	16.44	14.00	3.60	4.00	9.96	10.00	Found in addition oyster shell.
GRUBB & MADEIRA, Elizabethtown, Pa. G & M Hog Feed (4727)	17.44	17.00	4.40	4.00	7.86	7.00	Found in addition ground clover hay.
A. C. HENRY, Seven Valleys, Pa. Henry's Common Sense Hog Feed (4474)	16.81	16.00	4.86	4.00	6.28	8.00	As Certified
J. H. HORNEY & SONS CO., New Brighton, Pa. Hornby's Pig Meal (4871)	20.31	17.00	4.90	7.00	7.74	7.00	As Certified
KASCO MILLS INC., Toledo, Ohio Kasco Pig and Hog Feed (4651)	19.53	17.00	5.20	4.50	6.48	7.50	As Certified
THE LARROWE MILLING CO., Detroit, Mich. Pig Feed (4646)	18.56	16.00	4.83	4.00	5.43	6.00	Soybean oil meal not detected.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MERCER MILLING CO., Mercer, Pa. Davis Hog Feed (5184)	17.81	16.00	4.47	4.00	7.18	9.00	As Certified
P. J. OESTERLING & SON, Butler, Pa. Penna. State Hog Ration No. 1 (4491)	17.69	14.00	5.59	4.00	7.70	9.00	Found in addition small amount ground screenings.
PARK & POLLARD CO., Buffalo, N. Y. Go-Tu-It Pig and Hog Ration (4526)	17.50	15.00	4.77	3.50	6.76	8.00	As Certified
PURINA MILLS, St. Louis, Mo. Purina Pig and Hog Chow (5005)	38.50	36.00	4.12	3.00	9.96	14.00	As Certified
RICHARDS MILLING CO., Cortland, Ohio Richard's Hog Meal (4866)	15.31	16.00	5.80	4.00	5.98	8.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Iron City Hog Feed (4517; 5174)	20.03	15.00	4.43	3.50	6.19	7.00	As Certified
TIOGA EMPIRE FEED MILLS, Waverly, N.Y. Tioga Growing Shout Feed (5094) Tioga Growing Shout Feed (4675)	19.38 19.00	15.00 15.00	4.40 4.17	4.00 4.00	6.29 6.45	8.00 8.00	As Certified Found in addition soybean meal.
UBIKO MILLING CO., Cincinnati, Ohio Ubiko Pig and Sow Ration (4883; 4981)	18.22	16.00	4.98	4.00	9.14	7.00	As Certified
VEACH COMPANY, New Castle, Pa. Veach Pig Feed (4639)	15.63	16.00	5.31	4.00	7.01	7.00	As Certified
WALDO BROTHERS, Wysox, Pa. Walbro Pig Feed (5027)	17.19	12.00	4.43	4.00	4.54	6.00	As Certified
E. E. WENTZ, Lock Haven, Pa. Wentz's Pig and Hog Meal (5213)	15.91	14.50	4.43	4.00	7.15	7.50	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Pig Meal (4384)	19.38	18.00	4.25	4.00	4.52	8.00	Found in addition buckwheat.
Average	18.60	----	4.78	----	6.71	----	
<u>PROPRIETARY CHOP FEED</u>							
<u>Corn and Oats Chop</u>							
H. O. AYER, Ulster, Pa. Corn and Oats Chop (5031)	12.25	9.00	7.89	4.00	7.95	8.00	As Certified
BELLEVILLE FLOUR MILLS, Belleville, Pa. Corn and Oats Chop (4684)	11.00	9.00	4.03	3.00	5.45	12.00	As Certified
C. R. BERGER, Trout Run, Pa. Corn and Oats Chop (4372; 4800)	11.94	9.00	4.31	4.00	5.74	7.00	As Certified
J. A. CLARK, Weigh Scale, Pa. Clark's Corn and Oats Chop (4772)	12.19	10.00	4.47	4.00	5.55	9.00	As Certified
COOPERATIVE G.L.F. MILLS, Buffalo, N.Y. G.L.F. Half and Half Corn and Oats Ground (4557; 5187)	12.00	10.00	4.20	4.00	6.74	8.00	As Certified
COUDERSPORT G.L.F. STORE, Coudersport, Pa. Corn and Oats Chop (4583)	11.00	8.00	3.67	2.00	5.90	10.00	As Certified
THE DUNHAM MILLS, Wellsboro, Pa. Tyoga Corn and Oats Chop (4377)	11.00	10.00	3.85	4.25	4.79	7.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Red Rose Pura Ground Corn and Oats (4360)	13.00	10.00	5.67	4.00	6.96	9.00	As Certified
FARMERS COOPERATIVE ASSOCIATION, INC., Wysox, Pa. Corn and Oats Chop (5026)	10.44	10.00	3.84	3.95	7.86	4.74	As Certified
L. A. FISCHER & CO., Sredford, Pa. Pura Corn and Oats Feed (4414)	11.69	10.00	4.09	4.00	5.94	7.00	As Certified
GOOD'S CITY MILLS INC., Williamsport, Pa. Corn and Oats Chop (4500; 4886)	11.35	9.00	4.89	4.00	6.27	7.00	As Certified
JACOB & KELLER, St. Marys, Pa. Pura Corn and Oats Chop (4366)	11.94	10.00	4.23	4.00	5.52	6.00	As Certified
KEYSTONE MILLS, Hughesville, Pa. Corn and Oats Chop (4586)	11.38	10.00	4.38	4.00	6.11	6.00	As Certified
MT. JEWETT ELECTRIC MILLS, Mt. Jewett, Pa. Corn and Oats Chop (4422)	12.13	10.00	4.41	3.50	5.81	7.00	As Certified
H. D. NEUFER, Hughesville, Pa. Corn and Oats Chop (4793)	11.25	10.25	3.89	3.75	3.56	3.60	As Certified
NICKEL PLATE FLOUR MILLS, Eris, Pa. Corn and Oats Chop (4986)	11.94	9.00	3.93	3.00	7.70	9.00	As Certified
P. J. OESTERLING & SON, Butler, Pa. Pure Corn and Oats Chop (4492)	11.06	9.00	3.31	3.00	3.81	10.00	As Certified
PRESTONS INC., Centon, Pa. Pure Corn and Oats Chop (5130)	11.75	10.00	4.86	4.00	5.91	7.00	As Certified
OEO. L. REED MILLING CO., Brookville, Pa. Corn and Oats Chop (4339)	11.44	9.00	4.86	3.00	3.81	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
W. A. REED ESTATE, Paxinos, Pa. Corn and Oats Chop (4774)	P. ct. 10.63	P. ct. 10.00	P. ct. 3.73	P. ct. 4.00	P. ct. 5.46	P. ct. 5.00	As Certified
H. ROCKWELL & SON, Canton, Pa. Corn and Oats Chop (4297; 5030)	11.81	10.00	4.20	3.75	5.89	8.00	As Certified
SHARON MILLS, Shinglehouse, Pa. Corn and Oats Chop (5015)	11.81	10.00	4.15	3.00	5.37	8.00	As Certified
SMITH BROTHERS INC., Bradford, Pa. Pure Corn and Oats Feed (4420)	11.44	9.50	4.30	3.50	6.73	3.00	As Certified
WELLSVILLE MILLING CO., Wellsville, N. Y. Welmico Corn and Oats (5204)	12.13	8.00	4.39	3.00	5.69	10.00	As Certified
Average	11.63	-----	4.40	----	5.89	----	
<u>Chop Feed</u>							
R. S. ALTMAN, Irwin, Pa. Altman's Chop (4254; 4267; 4463; 4538; 4741)	12.23	9.00	5.19	3.50	10.50	12.00	As Certified
Altman's Special Chop (4464; 4621)	10.19	9.00	3.57	4.00	9.06	10.00	As Certified
G. A. DUFF, Lock Haven, Pa. Mixed Chop (5217)	12.06	9.00	4.84	4.00	4.84	6.00	As Certified
HERRMAN-Mc-LEAN CO., Cleveland, Ohio Chop Feed (4733)	8.81	7.00	3.45	2.00	13.25	12.00	Found in addition small amount un- ground weed seeds.
THE HORNEY CO., New Brighton, Pa. Hornby's Chop Feed (4869)	10.13	9.00	2.75	3.50	13.23	11.00	As Certified
HUBBARD MILLING CO., Ambridge, Pa. Hubbard Special Chop (4550)	12.69	12.00	4.00	4.50	10.59	11.00	As Certified
MOSCOW MILLING CO., Moscow, Pa. Chop Feed (4568)	13.00	10.00	4.16	4.00	6.92	8.00	As Certified
H. D. NEUFER, Hughesville, Pa. Cow Chop (4789)	9.38	-----	3.21	-----	10.65	-----	As Certified
RICHARDS MILLING CO., Cortland, Ohio Richard's Special Chop (4864)	11.25	8.00	4.21	3.00	13.28	12.00	As Certified
THE WADSWORTH FEED CO., Warren, Ohio Wadsworth's Special Chop (4320)	11.38	8.00	3.70	3.50	9.97	12.00	Found in addition malted wheat and barley.
Average	11.35	----	4.23	----	10.22	----	
<u>PROPRIETARY POULTRY SCRATCH AND</u>							
<u>MASH FEED</u>							
<u>Scratch Feed</u>							
ALLIED MILLS INC., Chicago, Ill. Empire Scratch Feed (4329)	11.00	9.00	2.98	2.50	2.55	4.00	Found in addition: sunflower seed.
AMERICAN STORES CO., Philadelphia, Pa. Ferndale Scratch Feed (4927)	11.63	10.00	2.83	2.50	3.53	4.00	As Certified
GEO. M. ANTHONY, Strausstown, Pa. Anthony's Quality Scratch Feed (4441)	10.75	10.00	3.06	3.00	2.39	4.00	As Certified
THE BEACON MILLING CO., Cuyaga, N.Y. Beacon Special Scratch Grains (4433)	11.44	10.00	2.06	2.00	1.95	3.50	As Certified
G. E. CONKEY CO., Cleveland, Ohio Conkey's Pigeon Feed (Breeders) (4847)	14.75	13.00	3.04	2.00	5.13	6.00	As Certified
COOPERATIVE G.L.F. MILLS, Buffalo, N.Y. G.L.F. Coarse Scratch Feed (Quality) (4678)	11.50	10.00	2.54	2.50	3.07	4.00	As Certified
G.L.F. Scratch Feed (4558)	11.13	10.00	3.34	2.50	2.32	3.00	As Certified
DELAWARE MILLS INC., Deposit, N. Y. Delaware Intermediate Chick Grains (4666)	11.69	10.00	4.05	2.50	2.82	3.00	As Certified
Indian Scratch Grain (4662)	12.19	10.00	2.86	2.50	3.52	5.00	Sunflower seed not detected.
THE ALBERT DICKINSON CO., Chicago, Ill. Globe Growing Scratch (4363)	11.56	10.00	3.14	2.50	2.01	3.75	As Certified
DIETRICH & GAMBRILL INC., Frederick, Md. Gambrill's Developing Scratch (4799)	11.00	10.00	3.97	2.50	2.61	3.00	As Certified
THE DUNHAM MILLS, Wellsboro, Pa. Tyoge Mixed Grains (4379; 5149)	11.16	10.00	3.11	3.50	3.48	5.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Maintenance Scratch Grains with Cod Liver Oil (5160)	12.63	9.00	2.44	2.50	3.81	4.00	As Certified
D. E. GRANDIN MILLING CO., Jamestown, N. Y. Grandin's Screened Scratch Feed (4828)	11.56	10.00	2.75	2.50	3.33	5.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y. Daily Egg Scratch Feed (4925)	12.13	10.00	2.80	2.50	2.64	5.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GRUBE & MADEIRA, Elizabethtown, Pa. C & M Scratch Feed (4753)	10.63	10.00	2.56	3.00	2.57	4.00	As Certified
KASCO MILLS INC., Toledo, Ohio McCask Scratch Grains (5161)	12.63	9.00	2.52	2.50	2.98	4.00	As Certified
KAUSER MILL CO., Allentown, Pa. First Prize Scratch Feed (4907; 4920)	11.60	9.00	2.86	2.00	2.83	4.00	As Certified
W. F. MUNDIS & SONS, York, Pa. Mundis Scratch Feed (4712)	11.13	10.00	2.84	2.50	2.82	4.00	As Certified
P. J. OESTERLING & SON, Butler, Pa. Growing Grains (4495)	11.21	10.00	2.69	2.50	3.92	4.00	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Economy Scratch Feed (4567)	12.19	10.00	2.50	1.50	3.47	5.00	As Certified
QUAKER OATS CO., Chicago, Ill. Early Bird Fine Chick Feed No Grit (4489)	11.63	10.00	2.50	2.00	1.87	2.00	As Certified
Early Bird Scratch (4853; 5155)	11.76	9.50	3.03	2.00	2.85	3.50	As Certified
JES. E. C. STEWART CO., Pittsburgh, Pa. Chedyside Scratch Feed (5171; 5172)	10.76	9.00	2.92	2.50	3.29	5.00	As Certified
UNION SERVICE DISTRICTORS, Harrisburg, Pa. Fair Brand Scratch Grains (4707)	11.75	9.00	2.80	2.50	3.49	4.00	As Certified
VITALITY MILLS INC., Chicago, Ill. Advance Scratch Feed (4450)	11.13	10.00	2.79	2.00	2.11	6.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Scratch Feed (4385)	10.88	9.00	2.52	2.50	2.00	4.00	As Certified
Average	11.59	-----	2.89	-----	2.96	-----	
<u>Mash Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Mash for Baby Chicks (4290)	20.13	18.00	5.52	3.75	6.32	4.50	Dried buttermilk not detected.
Acme Mash for Laying Hens (4289)	20.19	18.00	5.07	3.50	5.60	6.00	Dried buttermilk not detected.
ALLIED MILLS INC., Chicago, Ill. Amco Starting and Growing Mash (4592)	20.00	17.00	4.53	4.00	5.40	6.00	Aa Certified
Amco Starting and Growing Mash with Sardine Oil (4797)	18.94	17.00	4.46	4.00	5.27	6.00	As Certified
Amco Super Egg Mash (4678)	21.63	18.50	5.75	4.00	6.41	7.00	Found in addition corn gluten meal and small amount ground screenings.
Amco Super Egg Mash with Sardine Oil (4788)	20.19	18.50	4.80	4.00	6.55	7.00	As Certified
Amco Tip Top Mash (5122)	20.56	17.50	5.42	3.50	7.06	7.00	As Certified
Amco Tip Top Mash (4796)	19.94	17.50	4.98	3.50	6.59	7.00	Found in addition ground barley.
Amco Turkey Mash with Sardine Oil (4934)	19.38	15.00	6.46	3.50	6.70	8.00	As Certified
Empire Egg Mash (4282; 4423; 4935)	18.98	16.50	4.93	3.50	6.16	7.00	As Certified
Wayne Chick Starter (4932)	20.50	17.00	6.16	4.00	5.20	6.00	As Certified
Wayne Chick Starter (4333)	18.06	17.00	5.27	4.00	4.47	6.00	Soybean oil meal not detected. Found in addition linseed oil meal.
Wayne Egg Mash (4286; 4933)	20.57	18.00	5.61	3.50	6.30	7.00	As Certified
Wayne Growing Mash (4931)	19.56	16.00	4.73	4.00	4.74	6.00	As Certified
Wayne Mash Concentrate (4332)	34.19	32.00	4.41	4.00	7.68	8.00	As Certified
Wayne Turkey Mash (4286)	17.21	15.00	5.41	3.50	5.50	8.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Buttermilk Starting Mash (4694)	19.25	17.00	5.00	4.00	4.88	7.00	Aa Certified
Altman's Buttermilk Starting Mash (4950)	20.38	17.00	5.43	4.00	6.28	7.00	Found in addition ground barley.
Altman's Patterning Mash (4701)	21.44	15.00	5.52	5.00	4.56	4.00	As Certified
Altman's Growing Mash (4531; 4695; 4868; 4954)	18.94	17.00	4.89	4.00	6.85	8.00	As Certified
Altman's Irwin Egg Mash (4533; 4696; 4873)	21.71	18.00	4.60	4.00	8.37	8.00	Ae Certified
Altman's Quality Egg Mash (4532; 4693; 4742; 4951)	21.22	20.00	4.38	4.00	6.93	7.00	As Certified
Altman's Quality Egg Mash (4617)	22.00	20.00	4.33	4.00	6.51	7.00	Found in addition linseed oil meal.
Altman's Super Yeast Mash (4697; 4872; 4948)	21.61	18.00	5.00	4.00	7.60	8.00	As Certified
Altman's Turkey Developer (4952)	23.94	21.00	5.32	4.50	5.95	7.00	Ae Certified
Altman's Turkey Starter-Grower (4702)	24.94	23.00	5.77	4.00	5.62	7.00	As Certified
Altman's Turkey Starter-Grower (4534)	24.31	23.00	6.06	4.00	5.53	7.00	Found in addition small amount ground screenings.
Altman's Yeast Foam Combination Starter and Broiler Ration (4535)	21.25	16.00	5.65	4.00	4.89	7.00	Soybean meal not detected. Found in addition barley and ground bone.
GEO. M. ANTHONY, Strausstown, Pa. Anthony's Chick Starter (4439)	17.94	17.00	6.11	4.00	3.98	6.00	As Certified
Anthony's Economy Laying Mash (4440)	22.13	19.00	5.31	4.00	5.22	7.50	As Certified
Anthony's Perfectly Balanced Growing Mash (4437)	17.50	15.00	5.09	4.00	5.16	7.00	As Certified
Anthony's Perfectly Balanced Laying Mash (4438)	21.69	20.00	5.53	4.50	4.67	7.00	Aa Certified
Anthony's Special Laying Mash (4442)	21.44	19.00	5.13	4.00	4.81	7.00	Aa Certified
ASH BROTHERS, Briar Creek, Pa. Cilt Edge Laying Mash (4993)	20.13	20.00	4.63	4.00	6.10	7.50	Aa Certified
H. O. AYER, Ulster, Pa. Laying Mash (5033)	24.25	18.00	6.03	4.00	6.78	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Egg Mash (5159)	21.50	18.00	5.35	4.00	5.36	8.00	As Certified
THE BEACON MILLING CO., Cayuga, N.Y. Beacon Broiler Feed (4430)	18.88	17.00	5.03	4.00	4.47	6.00	As Certified
Beacon Cayuga Growing Mash (4434)	18.56	15.00	4.53	4.00	5.33	7.00	As Certified
Beacon Cayuga Laying Mash with Buttermilk (4428)	22.50	20.00	5.27	4.00	5.56	7.00	As Certified
Beacon Complete Starting Ration (4429)	18.25	17.50	4.09	4.00	4.34	6.00	As Certified
Beacon Egg Mash with Buttermilk (4436; 4903)	23.38	22.00	5.50	4.50	5.85	7.00	As Certified
Beacon Growing Mash (4435; 4906)	19.57	17.00	4.98	4.00	5.85	7.00	As Certified
Beacon Turkey Starter (4431)	24.56	24.00	5.11	4.00	4.37	6.00	As Certified
BELLEVILLE FLOUR MILLS, Belleville, Pa. Growing and Egg Mash (4683)	20.06	18.00	5.10	3.50	6.05	12.00	As Certified
C. R. BERGER, Trout Run, Pa. Berger's Egg Producer (4803)	21.88	20.00	5.23	5.50	5.41	8.00	As Certified
Berger's Egg Producer (4375)	20.25	20.00	4.60	5.50	5.77	8.00	Found in addition ground buckwheat.
Berger's Starting and Growing Mash (4374; 4802)	16.81	16.00	4.14	4.00	3.44	6.00	As Certified
P. E. BINGAMAN & SON, Elizabathville, Pa. Just Right Egg Mash (4716)	18.13	20.00	4.53	6.00	5.76	8.50	As Certified
Just Right Growing Mash (4717)	16.06	16.00	4.29	4.00	5.30	6.00	As Certified
BLANK & GOTTSHALL CO., INC., Sunbury, Pa. B & G Baby Chick Starter (4688)	17.50	16.00	5.83	4.00	5.25	6.00	As Certified
B & G Growing Mash with Buttermilk (4686; 4794)	18.44	18.00	5.99	6.00	5.35	7.00	As Certified
B & G Laying Mash with Buttermilk (4687; 4795)	19.54	18.00	5.22	5.00	6.55	6.50	As Certified
THE BUCKEYE CEREAL CO., Massillon, Ohio Prosperity Laying Mash (4956)	20.75	18.00	5.71	3.00	5.52	8.00	As Certified
CANNONBURG MILLING CO., Cannonsburg, Pa. C M C Growing Mash (4946)	21.25	20.00	4.86	4.00	5.33	5.00	As Certified
CITY FLOURING MILLS INC., Muncy, Pa. Muncy Laying Mash (4508)	21.31	19.00	5.33	4.00	6.86	7.00	As Certified
Muncy Laying Mash (4902)	21.31	19.00	4.75	4.00	5.84	7.00	Found in addition small amount ground screenings.
Muncy Starting and Growing Mash (4507; 4901)	18.16	17.00	4.33	4.00	5.73	7.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Growing Mash (4771)	21.25	19.00	5.78	4.50	7.72	7.00	Found in addition charcoal.
Clark's Laying Mash (4769)	21.50	20.00	5.60	4.50	7.29	7.50	As Certified
Clark's Starting Mash (4768)	18.75	17.00	4.64	4.50	5.76	6.00	As Certified
G. E. CONKEY CO., Cleveland, Ohio Conkey's Red Seal Laying Mash (4970)	23.50	20.00	5.01	4.00	6.19	6.00	As Certified
Conkey's Y-O Egg Mash (4490; 4855)	21.00	20.00	5.56	5.00	5.86	7.00	As Certified
Conkey's Y-O Egg Mash (4967)	22.19	20.00	5.77	5.00	5.16	7.00	Soybean meal not detected.
Conkey's Y-O Growing Mash (4971)	20.50	18.00	6.27	5.00	5.21	7.00	As Certified
COOPERATIVE G.L.F. MILLS, Buffalo, N.Y. G.L.F. Growing Mash (4556; 4821; 4978; 5186)	19.61	17.50	4.96	4.00	6.69	6.50	As Certified
G.L.F. Market Laying Mash (5110; 5188)	21.47	20.00	5.09	4.00	5.46	7.00	As Certified
G.L.F. Quality Laying Mash (4296; 4554; 4819; 5208)	20.86	20.00	5.61	4.00	6.21	7.00	As Certified
G.L.F. Quality Super Laying Mash (4679; 4895)	19.35	19.50	5.11	4.00	5.30	7.00	As Certified
G.L.F. Quality Super Laying and Breeding Mash (4294; 4553; 4823)	20.13	19.50	5.08	4.00	6.44	7.00	As Certified
G.L.F. Starting and Growing Mash (4559; 4820; 4897)	19.15	17.50	4.95	4.00	6.26	6.00	As Certified
G.L.F. Thrift Mash (5114)	20.31	19.00	4.97	4.00	5.44	6.00	As Certified
G.L.F. Turkey Rearing Mash No. 1 (5144)	25.19	24.00	5.32	4.00	5.80	6.00	Soybean meal not detected.
DARLINGTON MILLING CO., Darlington, Pa. Darmico Egg (5054)	21.19	19.00	7.25	5.50	5.48	6.50	As Certified
Darmico Grower (5052)	18.81	16.00	6.68	5.00	8.03	8.50	As Certified
Growing Mash (4636)	19.00	-----	5.42	-----	7.62	-----	Ingredients identified: Corn, wheat midd- lings, wheat bran, alfalfa meal, ground oats, meat scraps, dried skim milk, 1% lime, salt, cod liver oil and bone meal.
DEAN & LEE, Horseheads, N. Y. Ideal Laying Mash (5137)	22.56	20.00	6.01	3.50	6.46	9.00	As Certified
Pioneer Poultry Mash (5134)	22.94	20.00	5.94	4.00	6.14	7.00	As Certified
DELAWARE MILLS INC., Deposit, N. Y. Delaware Laying Mash (4664)	20.63	20.00	4.49	5.00	6.00	6.00	As Certified
Indian Growing Mash (4660)	18.75	15.00	4.40	4.50	6.86	7.00	Soybean meal not detected.
Indian Laying Mash (4661)	20.63	18.00	4.19	5.00	6.69	7.00	As Certified
ALBERT DICKINSON CO., Chicago, Ill. Egg Producer (4862)	21.69	18.00	5.11	3.50	6.48	7.00	As Certified
Home Town Egg Mash (4362)	18.63	16.50	4.54	3.50	6.19	7.00	Soybean oil meal not detected.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DIETRICH & GAMBRILL, Frederick, Md. D & G Starter Grower and Layer Mash (5007)	18.75	15.00	6.41	4.50	5.76	6.00	Found in addition barley.
Gambrill's Laying Mash (5014)	22.19	20.00	6.18	5.00	6.53	7.00	As Certified
THE DUNHAM MILLS, Wellsboro, Pa. Tyoga All Purpose Mash (4391; 5148)	19.60	20.00	5.17	5.00	4.92	7.00	As Certified
H. E. DYE, Turbotville, Pa. Dye's Quality Egg Mash (4779)	19.05	18.00	4.95	4.00	5.49	7.00	As Certified
Dye's Quality Starting and Growing Mash (4780)	17.19	16.00	6.39	4.00	5.37	6.00	As Certified
EASTERN STATES FARMERS EXCHANGE, Springfield, Me. Eastern States Developer (4718)	20.50	18.50	4.70	4.00	6.50	6.50	As Certified
Eastern States Producer Mash (4720)	18.88	17.00	5.64	4.00	5.76	6.50	As Certified
Eastern States Starting and Broiler Ration (4719)	20.13	18.50	4.82	4.00	4.76	5.00	As Certified
EATON FLOUR MILL, Lawrenceville, Pa. Eaton Laying Mash (4578; 5155)	19.63	20.00	5.45	4.00	7.24	7.00	As Certified
HARRY EMLET, New Oxford, Pa. Growing Mash (4483)	18.88	-----	5.59	----	7.03	----	Ingrediente identified: Corn chop, bran, flour middlings, fine ground heavy oats, fine ground barley, gluten feed, alfalfa leaf meal, beef scrap, fish meal, oyster shell meal, calcium carbonate, selt, buttermilk, molasses, sardine oil, charcoal.
Laying Mash (4481)	19.63	----	5.80	----	5.12	----	Ingredients identified: Corn chop, bran, gluten feed, middlings, oat chop, beef scrap, fish meal, alfalfa meal, charcoal, calcium carbonate, molasses, buttermilk, Biotol (sardine oil).
Starting Mash (4482)	17.19	----	5.35	----	4.97	----	Ingredients identified: Corn chop, bran, flour middlings, ground heavy oats, ground oat groats, gluten feed, alfalfa leaf meal, beef scrap, fish meal, oyster shell meal, calcium carbonate, salt, buttermilk, molasses, sardine oil.
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Eshelman Red Rose Patterning Mash (4930)	17.00	14.00	6.90	4.50	5.15	5.00	As Certified
Eshelman Red Rose Growing Mash with Cod Liver Oil (4928; 4989)	19.57	16.00	5.96	4.00	6.51	7.00	As Certified
Eshelman Red Rose Laying Mash (4509; 4929)	21.94	20.00	5.63	5.00	7.03	7.00	As Certified
FACTORYVILLE MILLING CO., Factoryville, Pa. Miracle Baby Chick Grower (5101)	17.75	14.00	4.76	3.57	5.38	5.00	As Certified
Miracle Baby Chick Starter (5105)	19.56	16.00	5.01	5.00	5.25	6.00	As Certified
Miracle Laying Mash (5104)	22.39	20.00	4.86	4.00	5.84	8.00	As Certified
FLORY MILLING CO., INC., Pangor, Pa. Flory's Broiler Mash with Cod Liver Oil (5071)	20.75	18.00	5.52	4.00	5.04	5.00	As Certified
Flory's Growing Mash (5067)	19.44	17.00	5.28	4.00	5.95	7.00	As Certified
Golden Egg Laying Mash (5066)	19.88	20.00	4.58	4.00	6.75	7.00	As Certified
Sunray Laying Mash (5069)	19.99	18.00	4.91	4.00	8.56	10.00	As Certified
FRANKLIN MILLING CO., Middleburg, Pa. Franklin Laying Mash (5006)	18.44	19.00	5.12	5.00	5.64	8.00	As Certified
COLOEN GRAIN FEED STORE, Mechanicsburg, Pa. Baby Chick Starting Mash (4627)	21.44	17.00	6.53	4.50	4.30	5.00	Found in addition fish meal.
Egg Mash (4625)	23.56	20.00	5.50	4.50	5.11	6.00	As Certified
Growing Mash (4626)	21.13	20.00	5.99	4.50	5.03	6.00	Found in addition charcoal.
GOLDEN GRAIN MILLS INC., Harrisburg, Pa. Capitol Egg Mash (4754)	21.25	17.00	4.56	4.00	7.25	8.00	Found in addition ground barley, malt sprouts, oyster shell and bone charcoal.
Golden Grain Egg Mash with Milk and Oil (4766)	21.25	18.50	4.71	4.50	6.79	6.00	Found in addition bone charcoal, oyster shell.
Golden Grain Growing Mash (4755)	20.00	16.00	4.24	4.00	7.02	6.00	Found in addition barley and oyster shell.
Golden Grain Mash Concentrate 32% (4765)	32.00	32.00	5.71	4.00	5.60	8.00	Found in addition ground corn.
Golden Grain Starter and Grower (4758)	19.75	16.50	4.62	4.00	6.19	6.00	As Certified
Golden Grain Starter Concentrate 28% (4757)	27.13	28.00	5.32	4.50	6.46	8.00	As Certified
Golden Grain Turkey Starter with Milk and Oil (4760)	28.31	26.00	6.88	4.00	6.18	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
GOOD'S CITY MILLS INC., Williamsport, Pa. Good's Goodmash (4803; 4887)	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
	21.97	18.00	5.19	4.00	6.87	8.00	As Certified
D. H. GRANDIN MILLING CO., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk (4825)	17.38	18.00	8.53	4.00	6.75	8.00	Found in addition barley.
Grandin's Laying Mash with Buttermilk (4826)	21.31	20.00	8.17	4.00	6.54	8.00	As Certified
Grandin's Laying Mash with Buttermilk- Cod Liver Oil (4830)	21.75	20.00	4.54	4.00	6.41	8.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y. Special Daily Egg Mash Feed (4926)	21.44	20.00	8.76	4.50	6.85	7.00	As Certified
GRUBB & MADEIRA, Elizabethtown, Pa. G & M Chick Starter (4729)	18.86	18.00	4.28	4.00	8.61	8.00	As Certified
G & M Economy Egg Mash (4748)	21.56	22.00	8.35	4.00	8.63	6.00	Found in addition barley.
G & M Egg Mash (4730)	21.13	20.00	4.76	4.00	6.39	8.00	As Certified
G & M Patterning Mash (4725)	13.80	14.00	4.39	8.00	4.95	5.00	As Certified
G & M Growing Mash (4744)	18.88	18.00	4.41	4.00	8.82	6.00	As Certified
G & M Molasses Egg Mash (4743)	20.50	18.00	4.73	4.00	6.21	6.00	As Certified
HADLEY MILLS, Hadley, Pa. White Star Poultry Mash (4634)	23.50	20.00	8.98	4.78	6.19	7.00	As Certified
RARPER GRAIN CO., Pittsburgh, Pa. Radio Laying Mash (4484)	21.19	20.00	5.98	4.00	6.61	8.00	As Certified
A. C. HENRY, Seven Valleys, Pa. Henry's Common Sense Chick Starter (4471)	17.63	18.00	8.10	4.00	4.89	5.00	As Certified
Henry's Common Sense Egg Mash (4473)	20.13	19.00	8.07	4.80	8.62	6.00	As Certified
Henry's Common Sense Growing Mash (4470)	18.13	17.00	4.49	4.00	6.86	6.00	Found in addition Charcoal.
HENRY & MISSERT FEED CO. INC., Buffalo, N. Y. H & M Thrift Laying Mash (4818)	22.13	20.00	8.76	4.00	6.08	7.00	As Certified
M. E. HERR, Schuylers, Pa. Herr's Laying Mash (4783)	20.28	18.50	8.11	4.50	7.40	7.00	As Certified
HERRMAN-McLEAN CO., Cleveland, Ohio Ohio Egg Mash (4416)	20.86	18.00	4.53	8.00	8.82	8.00	As Certified
BERT HOFF, Seven Valleys, Pa. Hoff's Quality Chick Starter (4478)	16.94	18.00	8.12	4.00	8.46	6.00	As Certified
Hoff's Quality Egg Mash (4477)	20.63	20.00	4.64	4.00	8.82	7.00	As Certified
Hoff's Quality Growing Mash (4476)	19.44	18.00	8.27	4.00	8.74	6.00	As Certified
HOMER CITY FEED MILLS, Homer City, Pa. Ideal Egg Mash (4328)	17.94	16.50	4.64	3.50	4.78	8.00	As Certified
Wayne Local Mix Chick Mash (4330)	17.13	16.00	8.19	3.50	3.64	6.00	As Certified
Wayne Local Mix Mash (4326)	20.00	18.00	5.03	3.80	8.41	8.00	As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa. Tra-Mix Laying Mash (4673)	20.31	18.00	8.41	5.00	8.82	6.50	As Certified
Tra-Mix Starting and Growing Mash (4672)	18.50	18.00	8.09	4.80	4.40	8.50	As Certified
J. H. HORNEY & SONS CO., New Brighton, Pa. Hornby's Growing Mash (4870)	20.44	20.00	4.34	4.50	8.40	8.00	As Certified
Hornby's Growing Mash (4456)	20.31	20.00	4.73	4.50	7.43	8.00	Soybean meal not detected.
Hornby's Laying Mash (4455)	22.00	20.00	4.99	4.00	7.12	8.00	As Certified
Hornby's Starting Mash (4484)	21.38	17.00	4.84	8.00	6.28	7.00	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pa. All American Chick Starter and Growing Mash (4410)	19.06	18.00	8.41	8.00	5.94	7.00	As Certified
J. W. JORNISON & SON, Albion, Pa. Economy Egg Mash (4810)	23.19	21.00	8.50	4.80	6.41	7.00	As Certified
Economy Growing Mash (4809)	18.06	21.00	8.29	4.00	7.66	7.00	As Certified
Johnson's Pennsylvania State Egg Mash (4811)	22.28	18.00	5.72	4.00	6.10	8.00	As Certified
KASCO MILLS, Waverly, N. Y. Apex Complete Grower (4814)	17.86	14.00	8.91	4.00	7.11	8.50	As Certified
Apex Laying Mash (4281)	21.13	20.00	5.58	4.00	6.06	8.50	As Certified
Apex Starter (4648)	17.98	18.00	4.63	4.00	8.99	6.00	As Certified
Kasco Turkey Grower (4778)	21.38	20.00	4.60	4.00	7.68	8.00	As Certified
Oc-Sak Laying Mash (4649)	16.88	17.00	8.00	3.50	8.60	8.50	Found in addition ground barley.
Turkey Starter (4777)	26.44	24.00	8.78	4.00	7.19	8.00	As Certified
J. J. KENNEDY & SONS, Zelienople, Pa. Ksons Chick Starter Mash (4542)	19.00	18.00	8.21	8.00	7.09	6.00	As Certified
Ksons Growing Mash (4543)	18.69	14.00	4.29	4.50	5.26	6.00	As Certified
F. B. KERN, Catawissa, Pa. Kernie's A Laying Mash (8003)	20.81	20.00	5.99	5.00	8.68	7.00	As Certified
Kernie's B Laying Mash (8002)	22.00	18.00	6.77	4.00	7.08	8.00	As Certified
J. S. KELLEY, Washingtonville, Pa. Starting and Growing Mash with Kel-Sea Cal (4704)	19.81	17.00	4.91	4.00	6.88	8.00	As Certified
Starting Mash (4708)	19.69	16.00	4.54	4.00	8.71	7.00	As Certified
Starting Mash with Kel-Sea-Cal (4703)	20.81	16.00	4.81	4.00	8.64	7.00	Found in addition barley.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
H. S. KRATZ & SON, Schwenksville, Pe. Ideel Growing Mesh (5073) Ideel Laying Mesh (5072)	P. ct. 20.99 21.13	P. ct. 18.50 19.00	P. ct. 5.78 5.34	P. ct. 5.00 4.00	P. ct. 6.47 6.59	P. ct. 5.50 5.50	As Certified As Certified
THE LARROWE MILLING CO., Detroit, Mich. Lerro Egg Mesh (4581; 4957; 5151) Lerro Growing Mesh (4582; 4960)	21.65 18.63	19.00 16.00	4.71 4.60	4.50 4.00	6.71 6.42	7.00 7.50	As Certified As Certified
LYCOMING MILLS, Williamsport, Pe. Lycoming Laying Mash (4807)	20.98	17.00	6.07	4.50	5.72	8.00	As Certified
LYKENS VALLEY ROLLER MILLS, Millersburg, Pa. Shiffer's Quality Laying Mash (4713) Shiffer's Sterting end Growing Mash (4714)	18.50 15.94	18.00 17.00	4.54 4.75	4.00 4.00	7.30 5.91	7.00 6.00	As Certified As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. BB Sroiler Finishing Mash (5081) BB Complete Growing Retion (4598) BB Dollar Maker Egg Mesh (5126) BB Dollar Maker Growing Mesh Vitamized (4597) BB Egg Laying Mash Vitamized (5036; 5082) BB Turkey Grower and Finishing Mash (5145)	19.38 19.31 19.50 19.06 23.00 20.56	15.00 15.00 17.00 15.00 20.00 18.00	5.19 5.15 4.98 4.39 5.37 5.22	4.00 4.00 3.50 3.50 4.50 3.50	6.82 6.61 7.48 8.41 7.18 7.22	7.00 7.00 9.00 9.00 7.00 7.00	As Certified As Certified As Certified As Certified As Certified As Certified
MAUSER MILL CO., Allentown, Pe. Meuser's Egg Mash (4908; 4912) Mauser's Egg Mash (4921)	19.63 20.94	18.00 18.00	4.71 4.88	4.50 4.50	7.28 4.63	8.00 8.00	As Certified Found in addition chercoel and soy bean oil meal. As Certified
Meuser's Growing Mesh (4910; 4922)	18.41	17.50	4.94	5.50	4.85	6.50	As Certified
MEAD & BANNISTER, North East, Pe. M & B Laying Mesh (4611) M & B Starting and Growing Mash (4610)	20.63 19.44	18.00 18.00	4.37 4.31	4.00 3.50	6.71 5.66	7.00 5.00	As Certified As Certified
MECHANICSBURG MILLING CO., Mechanicsburg, Pe. Laying Mash (4654) Yeast Foam Chick Starting Mash (4655) Yeast Foam Growing Mash (4656)	22.19 18.25 19.31	20.00 17.43 18.44	6.35 4.78 4.93	4.00 5.00 4.89	4.63 4.98 5.22	6.50 5.00 6.13	As Certified As Certified Found in addition coybeen oil meal.
MERCER MILLING CO., Mercer, Pa. Davis Egg Mesh "A" (5180)	19.19	18.00	5.58	4.00	6.44	7.00	Found in addition small amount ground screenings. As Certified
Davis Egg Mesh "B" (5183)	19.81	18.00	5.31	4.00	6.51	7.00	As Certified
MONSEY MILLING CO., Muncy, Pe. Monsey Laying Mesh (5209)	18.75	17.00	4.51	3.00	5.37	6.00	Found in addition small amount ground screenings.
GEO. Q. MOON INC., Pinghamton, N. Y. Moon's Laying Mash (5088)	20.31	20.00	5.87	4.00	5.25	9.00	As Certified
MOSCOW MILLING CO., Moscow, Pe. Laying Mash (4565)	18.25	20.00	5.12	5.00	7.16	7.50	Found in addition barley.
MOYER & SON, Souderton, Pa. Five Ports Mash (5078) Revised Laying Mash (5079) Specielty Poultry Mash (5077)	25.88 24.00 20.00	21.00 23.00 15.00	6.38 6.69 5.52	5.00 5.00 4.00	5.01 7.18 7.08	8.00 9.00 8.50	As Certified As Certified As Certified
W. F. MUNDIS & SONS, York, Pe. Mundis Chick Starter (4710) Mundis Growing Mash (4711) Mundis Laying Mash (4709)	19.25 17.00 18.75	16.00 17.00 20.00	5.18 4.65 4.27	5.00 6.00 4.50	6.04 6.50 6.57	6.00 7.00 8.00	Found in addition bone. As Certified As Certified
H. D. NEUFER, Hughesville, Pa. Egg Mesh (4792)	16.44	18.00	5.14	5.00	3.91	5.00	Ingredienta identifi- ed: Wheat bran, wheat middlings, ground oats, corn meal, meat and bone meal, salt.
Starter and Grower Mash (4791)	16.13	14.19	4.67	3.50	3.68	3.00	Ingredients identifi- ed: Fine ground oats, wheat bran, wheat middlings, corn meal, dried powdered milk, meat and bone meal, oyster shell meal, salt, ground barley.
NICKEL PLATE FLOUR MILLS, Erie, Pe. Nickel Plate Poultry Mash (4884)	22.63	18.00	5.05	4.00	7.02	10.00	Found in addition soybean oil meal end bone chercoel.
Nickel Plate Poultry Mash (5201)	25.13	18.00	5.55	4.00	6.92	10.00	Found in addition barley and bone chr- coel.
P. J. OESTERLING & SON, Butler, Pa. Oesterling's Cesh and Carry Chick Sterter (4497) Sunside Chick Starter with Neu-Life Mineral (4496) Sunaide Turkey Sterter and Growing Mash (4493)	17.19 18.13 21.69	14.00 16.00 20.00	5.01 5.71 6.33	3.00 4.00 4.00	8.74 6.97 7.79	8.00 7.00 8.00	As Certified As Certified As Certified
PARK & POLLARD CO., Buffalo, N. Y. Man-A-Mar Complete Life Cycle Mash (4833)	17.81	16.00	3.83	3.50	6.26	6.00	As Certified
PHELPS & SIBLEY CO., Cuba, N. Y. Big Egg Laying Mash with Cod Liver Oil (5016)	22.56	20.00	5.74	4.50	6.58	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Pesco Sterting end Growing Mesh with Buttermilk (5017)	21.00	18.00	6.70	4.00	5.95	7.50	As Certified
PRATT FOOD CO., Philadelphia, Pe. Utility Laying Mesh (4889)	24.81	20.00	6.97	4.50	6.47	7.00	Found in addition cottonseed meal and soybean oil meal.
PRESTON & JAQUISH, Troy, Pa. Sweepstakes Egg Producer (5140)	19.88	17.50	5.33	5.00	8.05	8.50	As Certified
PRESTONS INC., Centon, Pa. Preston's Egg Producer (5129)	21.44	19.00	6.66	5.00	6.78	10.00	As Certified
PURINA MILLS, St. Louis, Mo. Purine Chick Growers (4467; 5196)	17.76	15.00	5.02	3.50	6.06	7.00	As Certified
Purine Chick Stertens (4469; 5198)	21.60	18.00	5.18	4.00	5.12	7.00	As Certified
Purine Egg Chowder (4399; 4916; 5021)	21.98	19.00	5.49	3.50	7.08	8.00	As Certified
Purine Ley Chow (4861; 4917; 5020; 5197)	20.93	19.00	5.43	2.50	6.46	8.00	As Certified
Purine Leyene (4466; 4864; 5195)	17.27	15.50	5.28	3.50	5.40	8.00	As Certified
Purine Turkey Growing and Fattening Chow (4468)	23.50	21.00	4.48	3.50	6.11	8.00	As Certified
QUAKER OATS CO., Chicago, Ill. Quaker Ful-O-Pep Chick Sterter (4834; 5075)	18.69	17.00	6.23	5.00	6.07	7.00	As Certified
Quaker Ful-O-Pep Egg Mesh (4619; 4831; 4854; 4877; 4992; 5076)	21.55	20.00	6.03	4.50	6.68	8.00	As Certified
Quaker Ful-O-Pep Growing Mesh (4520; 4645; 4994)	20.56	19.00	5.94	5.00	5.40	6.00	As Certified
L. E. RHOADS, Selinsgrove, Pe. Peerless Laying Mesh (5008)	20.31	19.00	5.22	6.00	6.17	8.00	Found in addition fish meal.
RICHARDS & MENCER, Jersey Shore, Pe. R & M Laying Mesh (5218)	17.75	18.00	5.08	3.50	6.82	9.00	As Certified.
THE RICHARDS MILLING CO., Cortland, Ohio Richard's Cesh Laying Mesh (4285)	23.25	20.00	6.86	3.00	6.92	6.90	Linseed oil meal and coconut oil meal not detected.
Richard's Cesh Laying Mesh (5049)	23.25	20.00	5.51	3.00	7.60	6.90	As Certified
Richard's Growing Mesh (4961)	21.13	18.00	5.42	3.00	6.85	6.00	As Certified
Richard's Growing Mesh (5051)	20.13	18.00	5.61	3.00	6.59	6.00	Found in addition berley.
Richard's Thrift Laying Mesh (4813)	20.75	20.00	5.51	3.00	7.06	6.90	As Certified
Richard's Thrift Laying Mesh (4643)	21.38	20.00	4.71	3.00	7.31	6.90	Coconut oil meal and soy meal not detected.
H. ROCKWELL & SON, Canton, Pa. Hen-O-Le Dry Mesh with Cod Liver Oil (4298; 5220)	21.32	20.00	6.69	5.50	6.86	9.00	As Certified
Rockwell's Milk Mesh (4300)	22.19	19.00	5.19	4.25	5.62	7.00	As Certified
Rockwell's Sterting and Growing Mesh (4299)	18.94	15.00	4.97	4.50	5.76	7.00	As Certified
ROTEX MILLING CO., Cleveland, Ohio Rotex Egg Mesh (4850)	20.75	20.00	4.46	4.00	6.15	7.00	As Certified
SCHRIMPER BROTHERS, Belle Valley, Pa. Schrimper's Egg Mesh (5189)	21.00	19.00	4.70	5.00	7.04	7.00	As Certified
SEITZVILLE FLOUR MILL, Seven Velleys, Pa. Egg Mesh (4478)	19.56	19.00	4.56	4.50	6.54	5.00	As Certified
ESTATE OF GEO. S. SNYDER, Hatfield, Pe. Snyder's Best Egg Mesh (5063)	19.94	18.00	5.87	4.75	6.40	5.50	As Certified
Snyder's Buttermilk Sterting Mesh (5064)	18.44	16.50	5.97	4.50	5.19	5.50	As Certified
JESSE C. STEWART CO., Pittsburgh, Pe. Red Letter Egg Mesh (5173)	22.94	20.00	6.41	4.50	6.82	7.00	As Certified
Shedyside Growing Mesh (5170)	19.81	16.00	6.54	4.00	6.58	8.00	As Certified
TIOGA EMPIRE FEED MILLS INC., Weverly, N. Y. Chicetine (4786; 5092)	20.25	18.00	5.87	4.00	6.19	6.50	As Certified
Conditiontine (5095)	16.94	15.50	5.53	4.00	4.26	5.00	As Certified
Egetine (5089)	24.38	23.00	4.90	4.00	5.58	6.50	As Certified
Egetine with Cod Liver Oil (5112)	24.06	23.00	5.77	4.00	5.94	6.50	As Certified
Testy Laying Mesh (5090)	22.44	20.00	6.08	4.00	5.19	6.50	As Certified
Tioega Laying Food (5091)	19.44	18.00	5.21	4.00	5.74	6.50	As Certified
Turketine (5093)	23.00	23.00	5.99	4.00	6.52	6.50	As Certified
L. M. TORREY, Townville, Pa. Just Right Chick Sterter (4603)	17.56	16.00	5.19	5.00	5.33	6.00	As Certified
UBIKO MILLING CO., Cincinnati, Ohio All Mesh Complete Laying Retlon (5167)	19.75	16.00	4.22	3.50	5.68	6.00	As Certified
All Mesh Developer (4882)	16.69	14.00	5.09	4.00	5.91	5.00	As Certified
All Mesh Sterter (4344; 5169)	19.41	18.00	4.44	4.00	4.51	5.00	As Certified
Egg Mesh (4983; 5168)	22.75	20.00	4.66	4.00	5.95	6.00	As Certified
Mesh Belencer (4980)	33.56	32.00	5.09	4.00	6.00	7.00	As Certified
UNION COAL & SUPPLY CO., Union City, Pe. Union Egg Mesh No. 2 (4817; 4973)	19.76	18.00	3.74	4.00	6.72	8.00	As Certified
UNION SERVICE DISTRIBUTORS, Harrisburg, Pe. Feir Brand Laying Mesh (4708)	19.19	18.00	6.24	5.00	6.41	8.00	As Certified
THE URBANA MILLS CO., Urbane, Ohio Purity All Mesh Chick Sterter (4425)	18.56	16.00	5.99	4.50	3.73	5.00	As Certified
Purity Buttermilk Egg Mesh (4427)	22.00	20.00	5.51	4.50	5.72	5.00	Corn gluten meal not detected.
Urbane Egg Mesh (4426)	18.19	18.00	4.77	6.00	6.62	8.00	As Certified
Urbane Egg Mesh (4890)	19.25	18.00	5.65	5.00	7.75	8.00	Found in addition ground bone and small amount ground screenings.
Urbana Egg Mesh (4966)	19.94	18.00	5.51	5.00	7.40	8.00	Found in addition bone.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Urbena Starting and Growing All Mesh (4891)	16.50	15.00	5.94	4.00	5.51	6.00	As Certified
VEACH COMPANY, New Castle, Pe.							
Veech Chick Mesh (4638)	18.00	18.00	5.81	4.00	6.58	6.00	As Certified
Veech Egg Mesh (4640)	21.38	20.00	5.82	4.00	6.06	8.00	As Certified
Veech Growing Mesh (4637)	19.13	16.00	5.61	4.00	6.75	6.00	As Certified
VITALITY MILLS INC., Chicago, Ill.							
Vitality All Mash Starting and Growing Ration (4446)	16.25	15.00	4.94	4.00	5.20	6.00	As Certified
Vitality C-Ex-Pey Laying Mash (4445)	21.00	18.00	4.83	3.50	6.36	8.00	As Certified
Vitality Egg Builder Mash (4731)	20.69	18.00	4.23	4.00	6.06	7.50	As Certified
Vitality Homestead Mash (4444)	18.81	18.00	4.59	3.50	6.49	8.00	Soybean meal not detected.
WADSWORTH FEED CO., Warren, Ohio							
Special Egg Mesh (5056)	22.44	20.00	4.35	4.50	9.84	8.00	As Certified
Superior Laying Mesh (5055)	19.88	20.00	5.20	5.00	5.30	7.00	As Certified
Superior Starting and Growing Mash (5057)	19.56	17.00	4.94	4.00	5.39	5.50	As Certified
WALDO BROTHERS, Wysox, Pe.							
Walbro Laying Mash (5028)	23.69	20.00	5.89	5.50	6.22	8.00	As Certified
WELLES MILL CO., Wyalusing, Pa.							
Wellico Market Mesh (5143)	21.88	19.00	5.62	4.00	5.64	9.00	Found in addition charcoal and bone.
E. E. WENTZ, Look Haven, Pe.							
Wentz's Laying Mesh (5214)	20.44	18.00	5.16	4.00	7.30	8.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pe.							
Apollo's Best Chick Starter (4387)	18.56	17.00	4.93	4.00	4.95	6.00	Found in addition trace hoof meal.
Apollo's Best Egg Mesh (4386)	19.94	20.00	5.31	5.00	5.36	7.00	Found in addition trace hoof meal.
Apollo's Best Growing Mash (4388)	18.00	17.00	4.96	4.50	5.63	7.00	Found in addition trace hoof meal.
WEST SILE FEED & FUEL CO., Erie, Pe.							
Mor-Eggs Laying Mesh (4987)	19.38	20.00	5.42	5.00	7.21	7.00	Found in addition charcoal.
A. H. WHITE, Monroeton, Pe.							
White's Bradco Laying Mesh (5119)	22.94	20.00	5.78	4.50	5.86	6.00	As Certified
J. W. WOLGEMUTER, Rheems, Pe.							
J. W. Iodized Growing Mesh (4748)	19.19	18.50	5.24	4.50	5.20	6.50	As Certified
J. W. Iodized Laying Mash (4750)	19.63	22.00	5.03	5.50	5.03	7.00	As Certified
J. W. Iodized Starting Mesh (4749)	18.25	18.00	5.23	4.50	4.88	5.50	As Certified
CRAWFORD M. WOODS, Corry, Pa.							
Old Reliable Laying Mesh (4975)	23.31	20.00	4.63	4.00	4.86	7.50	As Certified
Old Reliable Starting and Growing Mash (4976)	20.81	18.00	4.25	4.00	4.32	7.00	As Certified
Average	20.30	-----	5.24	-----	6.13	-----	
PROPRIETARY SMALL ANIMAL FEEDS							
ARCADY FARMS MILLING CO., Chicago, Ill.							
Arcady Dog Ration (4277)	18.75	23.00	3.46	3.00	3.39	1.00	As Certified
B. & B. ANIMAL PRODUCTS CORPORATION, Harrisburg, Pe.							
B & B Dog Food (4348)	12.41	13.00	2.49	6.00	0.68	1.00	As Certified
CALIFORNIA ANIMAL PRODUCTS CO., INC., Oakland, California							
Calo Dog and Cat Food (4302)	7.26	10.00	2.73	2.25	0.53	0.50	Carrots not detected.
CHAPPEL BROTHERS INC., Rockford, Ill.							
Ken-L-Biskit (4350)	25.00	22.00	3.57	2.50	0.84	1.50	As Certified
Ken-L-Ration Dog Food (4305)	11.79	10.00	3.46	2.00	0.51	2.00	As Certified
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pe.							
Marco Dog and Cat Food (4306)	11.76	10.50	2.71	3.00	0.65	1.00	As Certified
DOYLE PACKING CO., Los Angeles, Cal.							
Doyle's Supreme Dog Food (4304)	5.51	7.72	2.28	5.14	0.55	0.50	Ingredients identified: Hulled cracked barley, red bran, fat, beef by-products, muscle meat, garlic, salt and charcoal.
EMPIRE BEEF & PROVISION CO., Chicago, Ill.							
Ideal Dog Food (4311)	11.10	10.00	4.38	2.00	0.26	1.00	As Certified
THE FOSTER CANNING CO., INC., Brooklyn, N. Y.							
Dr. Olding Brand Dog Food (4313)	12.99	-----	5.01	-----	0.58	-----	As Certified
HEPLER, McNAUGHTON MILLING CO., New Alexandria, Pe.							
New Alex Dog Feed (5163)	16.69	15.00	2.25	2.50	4.20	3.00	As Certified
A. D. HILL, Vandergrift, Pe.							
Best of All Dog Ration (4452)	18.88	20.00	4.72	5.00	2.58	4.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.							
Hunt Club Dog Food (4310)	26.13	25.00	4.90	3.50	3.77	4.00	As Certified
S. E. MIGHTON CO., Cleveland, Ohio							
Mighton's #1 Dog Food (4356)	9.25	7.00	3.34	1.75	0.40	1.75	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JOHN MORRELL & CO., Ottumwa, Iowa							
Red Heart Dog Food Diet A (4354)	13.43	12.00	5.61	3.00	0.41	1.00	Carrots not detected.
Red Heart Dog Food Diet B (4352)	13.71	12.00	5.99	3.00	0.33	1.00	Carrots not detected.
Red Heart Dog Food Diet C (4353)	13.37	12.00	6.31	3.00	0.51	1.00	Carrots not detected.
PEERLESS DOG FOOD CO., Battle Creek, Michigan							
Peerless Dog Food (4276)	26.25	-----	6.28	----	2.35	----	Ingrediente identified: Rice flake feed, cooked bran, high protein special meat scrap, soybean cake, grape nut feed, corn flake feed, cod liver oil.
THE RATH PACKING CO., Waterloo, Iowa							
Dog-Gon Good Dog Food (4349)	12.55	-----	5.14	----	0.22	----	Ingredients identified: Meat by-products, grits, rice, barley, meat, cod liver oil.
RED & WHITE CORPORATION, Buffalo, N.Y.							
Kenilworth Brand Dog Food (4308)	12.18	-----	3.28	----	0.59	----	As Certified
RICH PRODUCTS CORPORATION, Chicago, Ill.							
Evr-Ready Dog Food (4355)	11.77	8.00	5.99	1.00	0.62	2.00	Found in addition carrots.
RIVAL PACKING CO., Chicago, Ill.							
Rivel Dog Food (4358)	10.33	10.00	5.54	3.00	0.26	0.50	As Certified
SANDY'S PET FOODS INC., Chicago, Ill.							
Sandy's Dog Food (4307)	11.09	10.50	3.16	3.50	0.34	1.00	Ingredients identified: Beef food products, rice, wheat, carrots.
SIMPSON PRODUCTS CO., Terre Haute, Ind.							
Doggie Dinner (4303)	8.15	8.30	3.10	2.90	0.29	0.26	As Certified
SWIFT & CO., Chicago, Ill.							
Pard Dog Food (4359)	11.53	10.50	3.57	2.50	0.36	0.50	As Certified
TIOGA FEED MILLS, Weverly, N. Y.							
Rabbitine (5099)	17.33	15.00	5.33	4.00	7.57	10.00	As Certified
JAUGHN PACKING CO., INC., Kansas City, Mo.							
Silver King Dog and Cat Food (4312)	11.13	8.43	2.70	1.99	0.33	0.30	As Certified
Average	13.87	-----	4.13	-----	1.27	----	
<u>MISCELLANEOUS FEED</u>							
NEWSOME FEED & GRAIN CO., Pittsburgh, Pa.							
Palmo Midds (4457)	16.75	16.00	10.20	7.00	6.24	9.00	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.
<u>ANIMAL BY-PRODUCTS</u>							
<u>Meat and Bone Scrap</u>							
BAUGH & SONS CO., Philadelphia, Pa.							
Baugh's Oldest Brand Meat and Bone Scrap (5203)	52.81	50.00	10.90	6.00	1.81	3.00	As Certified
ROBERT A. REICHARD INC., Allentown, Pa.							
High Grade Beef Scrap (4918)	56.93	55.00	11.97	6.00	2.20	3.00	As Certified
E. C. RHODES, Vendergrift, Pa.							
Rhode's Cracklings (4339)	51.63	50.00	13.13	15.00	1.61	4.50	As Certified
THE STADLER PRODUCTS CO., Cleveland, O.							
Stedler's Superior Meat and Bone Scrap (4812)	50.14	50.00	9.04	3.00	1.45	3.00	As Certified
S. STRUNZ & SONS INC., Pittsburgh, Pa.							
Moreggs Meat and Bone Scrap (4943)	49.69	50.00	12.09	8.00	2.22	3.00	As Certified
SWIFT & CO., Newark, N. J.							
Swift's Meat and Bone Scraps (4838)	54.56	50.00	10.16	6.00	2.27	3.00	As Certified
HAMMOND WATSON, Allenwood, Pa.							
Quality Meat and Bone (4706)	59.19	53.00	9.44	10.00	0.97	2.00	As Certified
YOUNGSTOWN HIDE & TALLOW CO., Youngstown, Ohio							
Penn-Ohio Meat Scraps (4271)	56.25	50.00	11.20	5.00	1.55	3.00	As Certified
Average	53.93	-----	11.62	----	1.76	----	
<u>TANKAGE</u>							
JACOB DOLD PACKING CO., Buffalo, N.Y.							
Dold Quality Tankage with Bone (4641)	45.69	46.00	11.13	6.00	1.79	5.00	Found in addition hoof meal.
PITTSBURGH MELTING CO., Pittsburgh, Pa.							
Eureka Digeester Tankege (4499)	60.94	60.00	6.65	5.00	1.65	3.00	As Certified
Average	53.32	-----	8.92	----	1.72	----	
<u>MARINE BY-PRODUCTS</u>							
<u>Fish Meal</u>							
WILBUR-ELLIS CO., New York, N. Y.							
Lighthouse Fish Meal (4837)	68.44	67.00	4.14	5.00	0.92	1.00	As Certified

